

PROPRIETARY

**BELLSOUTH TELECOMMUNICATIONS, INC.
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**DECLASSIFIED
CONFIDENTIAL**

PROPRIETARY VERSION

appeal

(See DN No's 05385-00 & 06296-00)

PROPRIETARY

This notice of intent was filed in a docketed matter by or on behalf of a "telco" for Confidential DN 10126-00. The confidential material is in locked storage pending staff advice on handling.

DOCUMENT NUMBER - DATE

10126 AUG 18 88

FPSC-RECORDS REPORTING

OC48 - Line Cards (SONET Terminals-SONET Cards)

Item	Vend "A" Material Cost	Vend "B" Material Cost	Service Capacity	Total Placing Hours
DS1	604	570	4	0
DS3	2982	1449	3	0
STS1	3138	1449	3	0
OC1	2946	2946	3	0
OC3	6576	1800	1	0
OC12	26000	9000	1	0

PROPRIETARY

OC3 - Line Cards (SONET Terminals-SONET Cards)

Item	Vend "A" Material Cost	Vend "B" Material Cost	Service Capacity	Total Placing Hours
DS1	604	570	4	0
DS3	1564	2400	1	0
STS1	866	2800	1	0
OC1	2946	2946	1	0

PROPRIETARY

OC12 - Line Cards (SONET Terminals-SONET Cards)

Item	Vend "A" Material Cost	Vend "B" Material Cost	Service Capacity	Total Placing Hours
DS1	604	570	4	0
DS3	2856	2898	3	0
STS1	3456	2898	3	0
OC1	2946	2946	3	0
OC3	3790	2898	1	0

OC1 - Line Cards (SONET Terminals-SONET Cards)

Item	Vend "A" Material Cost	Vend "B" Material Cost
DS1	604	570

Service Capacity
4

Total Placing Hours
0

PROPRIETARY

Information - Line Cards (SONET Terminals-SONET Cards)

Item	Equipment Category	Channel Unit Investment Driver
DS1	Plug-in	DS1
DS3	Plug-in	DS3
STS1	Plug-in	STS1
OC1	Plug-in	OC1
OC3	Plug-in	OC3
OC12	Plug-in	OC12

PROPRIETARY

Vendor Mix (SONET Terminals-Other)

Terminal	Vendor "A"	Vendor "B"
OC-1	0.4	0.6
OC-3	0.4	0.6
OC-12	0.4	0.6
OC-48	0.4	0.6

OC48 - SONET Term (SONET Terminals-SONET COT)

Item	Vend "A" Material Cost	Vend "B" Material Cost	DS1 Capacity	Total Placing Hours
Optical shelf - Hardwire (Low)	0	2214	672	0
Optical shelf - Hardwire (High)	12046.5	3700.5	1344	0
Optical Common Equip (Low)	0	1300	672	0
Optical Common Equip (High)	25391	49081	1344	0
Interface MUX Working Card (28 DS1 Capacity)	0	570	28	0
OC12 Interface MUX Working Card (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX Working Card (84 DS1 Capacity)	6576	6469	84	0
Interface MUX Equipment (28 DS1 Capacity)	1470	1320	28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX Equipment (84 DS1 Capacity)	98	360	84	0
Interface MUX Equipment (336 DS1 Capacity)	0	2749	336	0
Interface MUX Equipment (1344 DS1 Capacity)	3138	0	1344	0
OC12 Interface MUX Commons	0	0	0	0
OC48 Interface MUX Commons	7986	9416	84	0
Interface MUX - Hardwire (28-56 DS1 Capacity)	830.64	0	56	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)	0	300	84	0
Batt. Backup	0	0	0	0
Data communications Link	881	881	1344	0
Fiber Splicing Terminal	4160.16	4160.16	1344	0
DSX-1 Panel	829.64	829.64	56	0
DSX-3 Panel	4099.92	4099.92	672	0
LGX	2628	2628	1344	0

PROPRIETARY

OC3 - SONET Term (SONET Terminals-SONET COT)

Item	Vend "A" Material Cost	Vend "B" Material Cost	DS1 Capacity	Total Placing Hours
Optical shelf - Hardwire (Low)	750	330	84	0
Optical shelf - Hardwire (High)	0	0	0	0
Optical Common Equip (Low)	7986	9416	84	0
Optical Common Equip (High)	0	0	0	0
Interface MUX Working Card (28 DS1 Capacity)	0	0	0	0
OC12 Interface MUX Working Card (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX Working Card (84 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (28 DS1 Capacity)	1470	1320	28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX Equipment (84 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (336 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (1344 DS1 Capacity)	0	0	0	0
OC12 Interface MUX Commons	0	0	0	0
OC48 Interface MUX Commons	0	0	0	0
Interface MUX - Hardwire (28-56 DS1 Capacity)	0	0	0	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)	0	0	0	0
Batt. Backup	0	0	0	0
Data communications Link	881	881	84	0
Fiber Splicing Terminal	4160.16	4160.16	1344	0
DSX-1 Panel	829.64	829.64	56	0
DSX-3 Panel	4099.92	4099.92	672	0
LGX	0	0	0	0

PROPRIETARY

OC12 - SONET Term (SONET Terminals-SONET COT)

Item	Vend "A" Material Cost	Vend "B" Material Cost	DS1 Capacity	Total Placing Hours
Optical shelf - Hardwire (Low)	1324	1130	336	0
Optical shelf - Hardwire (High)	0	0	0	0
Optical Common Equip (Low)	17124	23663	336	0
Optical Common Equip (High)	0	0	0	0
Interface MUX Working Card (28 DS1 Capacity)	0	0	0	0
OC12 Interface MUX Working Card (84 DS1 Capacity)	3790	2898	84	0
OC48 Interface MUX Working Card (84 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (28 DS1 Capacity)	1470	1320	28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)	98	360	84	0
OC48 Interface MUX Equipment (84 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (336 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (1344 DS1 Capacity)	0	0	0	0
OC12 Interface MUX Commons	7986	9416	84	0
OC48 Interface MUX Commons	0	0	0	0
Interface MUX - Hardwire (28-56 DS1 Capacity)	0	0	0	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)	720	200	84	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)	0	0	0	0
Batt. Backup	0	0	0	0
Data communications Link	881	881	336	0
Fiber Splicing Terminal	4160.16	4160.16	1344	0
DSX-1 Panel	829.64	829.64	56	0
DSX-3 Panel	4099.92	4099.92	672	0
LGX	2628	2628	1344	0

PROPRIETARY

OC1 - SONET Term (SONET Terminals-SONET COT)

Item	Vend "A" Material Cost	Vend "B" Material Cost	DS1 Capacity	Total Placing Hours
Optical shelf - Hardwire (Low)	1796	1796	28	0
Optical shelf - Hardwire (High)	0	0	0	0
Optical Common Equip (Low)	1497	1497	28	0
Optical Common Equip (High)	0	0	0	0
Interface MUX Working Card (28 DS1 Capacity)	0	0	0	0
OC12 Interface MUX Working Card (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX Working Card (84 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (28 DS1 Capacity)	1473	1473	28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX Equipment (84 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (336 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (1344 DS1 Capacity)	0	0	0	0
OC12 Interface MUX Commons	0	0	0	0
OC48 Interface MUX Commons	0	0	0	0
Interface MUX - Hardwire (28-56 DS1 Capacity)	0	0	0	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)	0	0	0	0
Batt. Backup	0	0	0	0
Data communications Link	881	881	84	0
Fiber Splicing Terminal	4160.16	4160.16	1344	0
DSX-1 Panel	829.64	829.64	56	0
DSX-3 Panel	0	0	0	0
LGX	0	0	0	0

PROPRIETARY

Information - SONET Term (SONET Terminals-SONET COT)

Item	Equipment Category	Channel Unit Investment Driver
Optical shelf - Hardwire (Low)	Hardwired	ALL
Optical shelf - Hardwire (High)	Hardwired	ALL
Optical Common Equip (Low)	Common	ALL
Optical Common Equip (High)	Common	ALL
Interface MUX Working Card (28 DS1 Capacity)	Common	DS1
OC12 Interface MUX Working Card (84 DS1 Capacity)	Common	DS1
OC48 Interface MUX Working Card (84 DS1 Capacity)	Common	DS1
Interface MUX Equipment (28 DS1 Capacity)	Common	DS1
OC12 Interface MUX Equipment (84 DS1 Capacity)	Common	DS1
OC48 Interface MUX Equipment (84 DS1 Capacity)	Common	DS1
Interface MUX Equipment (336 DS1 Capacity)	Common	DS3-OC1
Interface MUX Equipment (1344 DS1 Capacity)	Common	DS3-OC1
OC12 Interface MUX Commons	Common	DS1
OC48 Interface MUX Commons	Common	DS1
Interface MUX - Hardwire (28-56 DS1 Capacity)	Hardwired	DS1
OC12 Interface MUX - Hardwire (84 DS1 Capacity)	Hardwired	DS1
OC48 Interface MUX - Hardwire (84 DS1 Capacity)	Hardwired	DS1
Batt. Backup	Hardwired	ALL
Data communications Link	Common	ALL
Fiber Splicing Terminal	Hardwired	DS1-OC3
DSX-1 Panel	Hardwired	DS1
DSX-3 Panel	Hardwired	DS3-OC1
LGX	Hardwired	OC3-OC48

PROPRIETARY

OC48 - SONET Term (SONET Terminals-SONET RT)

Item	Vend "A" Material Cost	Vend "B" Material Cost	DS1 Capacity	Total Placing Hours
Optical shelf - Hardwire (Low Capacity)	0	2214	672	0
Optical shelf - Hardwire (High Capacity)	12046.5	3700.5	1344	0
Optical Common Equip (Low Capacity)	0	1300	672	0
Optical Common Equip (High Capacity)	25391	49081	1344	0
Interface MUX Working Card (28 DS1 Capacity)	0	570	28	0
OC12 Interface MUX Working Card (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX Working Card (84 DS1 Capacity)	6576	6469	84	0
Interface MUX Equipment (28 DS1 Capacity)	1470	1320	28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX Equipment (84 DS1 Capacity)	98	360	84	0
Interface MUX Equipment (336 DS1 Capacity)	0	2749	336	0
Interface MUX Equipment (1344 DS1 Capacity)	3138	0	1344	0
OC12 Interface MUX Commons	0	0	0	0
OC48 Interface MUX Commons	7986	9416	84	0
Interface MUX - Hardwire (28-56 DS1 Capacity)	830.64	0	56	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)	0	300	84	0
Batt. Backup (Hard)	2134	2134	1344	0
Batt. Backup (Common)	1608	1608	1344	0
Fiber Splicing Terminal	4160.16	4160.16	1344	0
DSX-1 Panel	829.64	829.64	56	0
DSX-3 Panel	4099.92	4099.92	672	0
Ltie	450	450	1344	0

PROPRIETARY

OC3 - SONET Term (SONET Terminals-SONET RT)

Item	Vend "A" Material Cost	Vend "B" Material Cost	DS1 Capacity	Total Placing Hours
Optical shelf - Hardwire (Low Capacity)	750	330	84	0
Optical shelf - Hardwire (High Capacity)	0	0	0	0
Optical Common Equip (Low Capacity)	7986	9416	84	0
Optical Common Equip (High Capacity)	0	0	0	0
Interface MUX Working Card (28 DS1 Capacity)	0	0	0	0
OC12 Interface MUX Working Card (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX Working Card (84 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (28 DS1 Capacity)	1470	1320	28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX Equipment (84 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (336 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (1344 DS1 Capacity)	0	0	0	0
OC12 Interface MUX Commons	0	0	0	0
OC48 Interface MUX Commons	0	0	0	0
Interface MUX - Hardwire (28-56 DS1 Capacity)	0	0	0	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)	0	0	0	0
Batt. Backup (Hard)	2134	2134	84	0
Batt. Backup (Common)	1608	1608	84	0
Fiber Splicing Terminal	4160.16	4160.16	1344	0
DSX-1 Panel	829.64	829.64	56	0
DSX-3 Panel	4099.92	4099.92	672	0
Ltie	0	0	0	0

PROPRIETARY

OC12 - SONET Term (SONET Terminals-SONET RT)

Item	Vend "A" Material Cost	Vend "B" Material Cost	DS1 Capacity	Total Placing Hours
Optical shelf - Hardwire (Low Capacity)	1324	1130	336	0
Optical shelf - Hardwire (High Capacity)	0	0	0	0
Optical Common Equip (Low Capacity)	17124	23663	336	0
Optical Common Equip (High Capacity)	0	0	0	0
Interface MUX Working Card (28 DS1 Capacity)	0	0	0	0
OC12 Interface MUX Working Card (84 DS1 Capacity)	3790	2898	84	0
OC48 Interface MUX Working Card (84 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (28 DS1 Capacity)	1470	1320	28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)	98	360	84	0
OC48 Interface MUX Equipment (84 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (336 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (1344 DS1 Capacity)	0	0	0	0
OC12 Interface MUX Commons	7986	9416	84	0
OC48 Interface MUX Commons	0	0	0	0
Interface MUX - Hardwire (28-56 DS1 Capacity)	0	0	0	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)	720	200	84	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)	0	0	0	0
Batt. Backup (Hard)	2134	2134	336	0
Batt. Backup (Common)	1608	1608	336	0
Fiber Splicing Terminal	4160.16	4160.16	1344	0
DSX-1 Panel	829.64	829.64	56	0
DSX-3 Panel	4099.92	4099.92	672	0
Ltie	450	450	1344	0

PROPRIETARY

OC1 - SONET Term (SONET Terminals-SONET RT)

Item	Vend "A" Material Cost	Vend "B" Material Cost	DS1 Capacity	Total Placing Hours
Optical shelf - Hardwire (Low Capacity)	1796	1796	28	0
Optical shelf - Hardwire (High Capacity)	0	0	0	0
Optical Common Equip (Low Capacity)	1497	1497	28	0
Optical Common Equip (High Capacity)	0	0	0	0
Interface MUX Working Card (28 DS1 Capacity)	0	0	0	0
OC12 Interface MUX Working Card (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX Working Card (84 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (28 DS1 Capacity)	1473	1473	28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX Equipment (84 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (336 DS1 Capacity)	0	0	0	0
Interface MUX Equipment (1344 DS1 Capacity)	0	0	0	0
OC12 Interface MUX Commons	0	0	0	0
OC48 Interface MUX Commons	0	0	0	0
Interface MUX - Hardwire (28-56 DS1 Capacity)	0	0	0	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)	0	0	0	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)	0	0	0	0
Batt. Backup (Hard)	2134	2134	28	0
Batt. Backup (Common)	1608	1608	28	0
Fiber Splicing Terminal	4160.16	4160.16	1344	0
DSX-1 Panel	829.64	829.64	56	0
DSX-3 Panel	0	0	0	0
Ltie	0	0	0	0

PROPRIETARY

Information - SONET Term (SONET Terminals-SONET RT)

Item	Equipment Category	Channel Unit Investment Driver
Optical shelf - Hardwire (Low Capacity)	Hardwired	ALL
Optical shelf - Hardwire (High Capacity)	Hardwired	ALL
Optical Common Equip (Low Capacity)	Common	ALL
Optical Common Equip (High Capacity)	Common	ALL
Interface MUX Working Card (28 DS1 Capacity)	Common	DS1
OC12 Interface MUX Working Card (84 DS1 Capacity)	Common	DS1
OC48 Interface MUX Working Card (84 DS1 Capacity)	Common	DS1
Interface MUX Equipment (28 DS1 Capacity)	Common	DS1
OC12 Interface MUX Equipment (84 DS1 Capacity)	Common	DS1
OC48 Interface MUX Equipment (84 DS1 Capacity)	Common	DS1
Interface MUX Equipment (336 DS1 Capacity)	Common	DS3-OC1
Interface MUX Equipment (1344 DS1 Capacity)	Common	DS3-OC1
OC12 Interface MUX Commons	Common	DS1
OC48 Interface MUX Commons	Common	DS1
Interface MUX - Hardwire (28-56 DS1 Capacity)	Hardwired	DS1
OC12 Interface MUX - Hardwire (84 DS1 Capacity)	Hardwired	DS1
OC48 Interface MUX - Hardwire (84 DS1 Capacity)	Hardwired	DS1
Batt. Backup (Hard)	Hardwired	ALL
Batt. Backup (Common)	Common	ALL
Fiber Splicing Terminal	Hardwired	DS1-OC3
DSX-1 Panel	Hardwired	DS1
DSX-3 Panel	Hardwired	DS3-OC1
Ltie	Hardwired	OC3-OC48

PROPRIETARY

Vendor "B" DLC - Channel (DLC/ONU-COT)

Item	Material Cost	Service Capacity	Total Placing Hours
POTS	76	2	0
COIN	296	1	0
BRI-ISDN	225	1	0
CENTREX	76	2	0
SW-VGSS	198	2	0
NSW-VGSS	490	1	0
4-WIRE	250	1	0
DS1	604	4	0
HDSL	121	1	0
ADSL	NA	1	0
PBX	198	2	0

PROPRIETARY

Vendor "B" DLC - CE (DLC/ONU-COT)

Item	Material Cost	DSO Capacity	Total Placing Hours
CO CE Optical Bank/Shelf	2443.44	2016	0
CE Bank/Shelf Common Equip.	17331	672	0
TSI Integrated	NA	NA	0
TSI Universal	NA	NA	0
TSI Protect	8852	2016	0
CO channel bank/metallic shelf SW	754	96	0
SW Channel Bank/Shelf CE	NA	NA	0
CO channel bank/metallic shelf NSW	754	96	0
NSW Channel Bank/Shelf CE	NA	NA	0
CO DS1 channel units for integration	604	24	0
Optical ONU Bank/Shelf	534	8	0
Optical Line Units	70	1	0
HDSL Common Equipment	0	24	0
ADSL Common Equipment	NA	1	0
DSX Panel	820	2016	0
Bay	1300	672	0
D4 Bay	NA	48	0
D4 Shelf	NA	48	0
D4 Channel Unit	NA	2	0

PROPRIETARY

Vendor "A" DLC - Channel (DLC/ONU-COT)

Item	Material Cost	Service Capacity	Total Placing Hours
POTS	254	4	0
COIN	516	4	0
BRI-ISDN	594	4	0
CENTREX	254	4	0
SW-VGSS	369	4	0
NSW-VGSS	369	4	0
4-WIRE	517	2	0
DS1	327	1	0
HDSL	121	1	0
ADSL	327	1	0
PBX	369	4	0

PROPRIETARY

Vendor "A" DLC - CE (DLC/ONU-COT)

Item	Material Cost	DSO Capacity	Total Placing Hours
CO CE Optical Bank/Shelf	96.5	2016	0
CE Bank/Shelf Common Equip.	3486	2016	0
TSI Integrated	1617	672	0
TSI Universal	1617	672	0
TSI Protect	1617	672	0
CO channel bank/metallic shelf SW	877	224	0
SW Channel Bank/Shelf CE	1201	224	0
CO channel bank/metallic shelf NSW	877	224	0
NSW Channel Bank/Shelf CE	1201	224	0
CO DS1 channel units for integration	50	1	0
Optical ONU Bank/Shelf	NA	8	0
Optical Line Units	NA	1	0
HDSL Common Equipment	0	24	0
ADSL Common Equipment	NA	1	0
DSX Panel	NA	2016	0
Bay	1727	672	0
D4 Bay	NA	48	0
D4 Shelf	NA	48	0
D4 Channel Unit	NA	2	0

PROPRIETARY

Information - Channel (DLC/ONU-COT)

Item	Equipment Category	UOM
POTS	Plug-in	Item
COIN	Plug-in	Item
BRI-ISDN	Plug-in	Item
CENTREX	Plug-in	Item
SW-VGSS	Plug-in	Item
NSW-VGSS	Plug-in	Item
4-WIRE	Plug-in	Item
DS1	Plug-in	Item
HDSL	Plug-in	Item
ADSL	Plug-in	Item
PBX	Plug-in	Item

PROPRIETARY

Information - CE (DLC/ONU-COT)

Item	Equipment Category	UOM
CO CE Optical Bank/Shelf	Hardwired	All
CE Bank/Shelf Common Equip.	Common	All
TSI Integrated	Common	Integrated
TSI Universal	Common	Universal
TSI Protect	Common	All
CO channel bank/metallic shelf SW	Hardwired	Integrated
SW Channel Bank/Shelf CE	Common	Integrated
CO channel bank/metallic shelf NSW	Hardwired	NSW
NSW Channel Bank/Shelf CE	Common	NSW
CO DS1 channel units for integration	Plug-in	Integrated
Optical ONU Bank/Shelf	Hardwired	ONU
Optical Line Units	Common	ONU
HDSL Common Equipment	Common	HDSL
ADSL Common Equipment	Common	ADSL
DSX Panel	Hardwired	All
Bay	Hardwired	All
D4 Bay	Hardwired	NSW
D4 Shelf	Hardwired	NSW
D4 Channel Unit	Plug-in	NSW

PROPRIETARY

Vendor "B" DLC - Channel (DLC/ONU-DLCRT)

Item	Material Cost	Service Capacity	Total Placing Hours
POTS	60	2	0
POTSX	270	2	0
COIN	365	1	0
COINX	365	1	0
BRI-ISDN	225	1	0
BRI-ISDNX	225	1	0
CENTREX	60	2	0
CENTREXX	270	2	0
SW-VGSS	150	2	0
SW-VGSSX	150	2	0
NSW-VGSS	490	1	0
NSW-VGSSX	490	1	0
4-WIRE	250	1	0
4-WIREX	250	1	0
DS1	604	4	0
DS1X	604	4	0
HDSL	134	1	0
HDSLX	134	1	0
ADSL	NA	1	0
ADSLX	NA	1	0
PBX	150	2	0
PBXX	270	2	0

PROPRIETARY

Vendor "B" DLC - CE (DLC/ONU-DLCRT)

Item	Material Cost	DSO Capacity	Total Placing Hours
RT CE Optical Bank/Shelf	750	2016	0
CE Bank/Shelf Common Equip. (Integrated)	14747	672	0
CE Bank/Shelf Common Equip. (Universal)	19787	672	0
TSI	NA	NA	
TSI Protect	8852	2016	
RT channel bank /Shelf (Metallic)	500	96	0
Channel Bank/Shelf CE	NA	NA	0
ADSL Common Equipment	NA	NA	0
HDSL Common Equipment	NA	NA	0
Optical ONU Bank/Shelf	534	8	0
Optical Shelf CE	137	8	0
Optical Line Units	70	1	0
DSX Panel	820	2016	0
Batteries, Environ. Equip., Etc.	2336	672	0
Bay	1508	672	0
ONU Cabinet (e.g. CAD-12)	NA	NA	NA
Cabinet Small (includes Batt. Etc.)	NA	NA	0
Cabinet Medium (includes Batt. Etc.)	18229	480	0
Cabinet Large (includes Batt. Etc.)	26977	1344	0
Cabinet Xtra Large (includes Batt. Etc.)	37633	2016	0
Mini-Hut	NA	7257	0
Maxi -Hut	NA	9792	0
CEV 16	NA	8064	0
CEV 24	NA	12096	0

PROPRIETARY

Vendor "A" DLC - Channel (DLC/ONU-DLCRT)

Item	Material Cost	Service Capacity	Total Placing Hours
POTS	211	4	0
POTSX	645	4	0
COIN	588	4	0
COINX	588	4	0
BRI-ISDN	594	4	0
BRI-ISDNX	594	4	0
CENTREX	211	4	0
CENTREXX	645	4	0
SW-VGSS	425	4	0
SW-VGSSX	645	4	0
NSW-VGSS	425	4	0
NSW-VGSSX	645	4	0
4-WIRE	517	2	0
4-WIREX	517	2	0
DS1	327	1	0
DS1X	327	1	0
HDSL	695	1	0
HDSLX	695	1	0
ADSL	NA	1	0
ADSLX	NA	1	0
PBX	425	4	0
PBXX	645	4	0

PROPRIETARY

Vendor "A" DLC - CE (DLC/ONU-DLCRT)

Item	Material Cost	DSO Capacity	Total Placing Hours
RT CE Optical Bank/Shelf	96.5	2016	0
CE Bank/Shelf Common Equip. (Integrated)	2783	2016	0
CE Bank/Shelf Common Equip. (Universal)	2783	2016	0
TSI	1617	672	0
TSI Protect	1617	672	0
RT channel bank /Shelf (Metallic)	877	224	0
Channel Bank/Shelf CE	1523	224	0
ADSL Common Equipment	NA	1	0
HDSL Common Equipment	NA	1	0
Optical ONU Bank/Shelf	NA	8	0
Optical Shelf CE	NA	8	0
Optical Line Units	NA	1	0
DSX Panel	NA	56	0
Batteries, Environ. Equip., Etc.	2900	672	0
Bay	1745	672	0
ONU Cabinet (e.g. CAD-12)	NA	NA	NA
Cabinet Small (includes Batt. Etc.)	NA	NA	0
Cabinet Medium (includes Batt. Etc.)	17482	448	0
Cabinet Large (includes Batt. Etc.)	49349	1344	0
Cabinet Xtra Large (includes Batt. Etc.)	89768	2240	0
Mini-Hut	NA	7257	0
Maxi -Hut	NA	9792	0
CEV 16	NA	8064	0
CEV 16	NA	12096	0

PROPRIETARY

ONU 24 - Channel (DLC/ONU-DLCRT)

Item	Material Cost	Service Capacity	Total Placing Hours
POTS	120	4	0
POTSX	120	4	0
COIN	350	1	0
COINX	350	1	0
BRI-ISDN	405	1	0
BRI-ISDNX	405	1	0
CENTREX	120	4	0
CENTREXX	120	4	0
SW-VGSS	450	1	0
SW-VGSSX	450	1	0
NSW-VGSS	450	1	0
NSW-VGSSX	450	1	0
4-WIRE	250	1	0
4-WIREX	250	1	0
DS1	604	4	0
DS1X	604	4	0
HDSL	121	1	0
HDSLX	121	1	0
ADSL	NA	1	0
ADSLX	NA	1	0
PBX	450	1	0
PBXX	450	1	0

PROPRIETARY

ONU 24 - CE (DLC/ONU-DLCRT)

Item	Material Cost	DSO Capacity	Total Placing Hours
RT CE Optical Bank/Shelf	0	24	0
CE Bank/Shelf Common Equip. (Integrated)	216	24	0
CE Bank/Shelf Common Equip. (Universal)	216	24	0
TSI	NA	NA	NA
TSI Protect	NA	NA	NA
RT channel bank /Shelf (Metallic)	NA	NA	NA
Channel Bank/Shelf CE	NA	NA	NA
ADSL Common Equipment	NA	1	0
HDSL Common Equipment	NA	1	0
Optical ONU Bank/Shelf	NA	NA	NA
Optical Shelf CE	NA	NA	NA
Optical Line Units	NA	NA	NA
DSX Panel	NA	NA	NA
Batteries, Environ. Equip., Etc.	NA	NA	NA
Bay	NA	NA	NA
ONU Cabinet (e.g. CAD-12)	464	24	0
Cabinet Small (includes Batt. Etc.)	NA	NA	NA
Cabinet Medium (includes Batt. Etc.)	NA	NA	NA
Cabinet Large (includes Batt. Etc.)	NA	NA	NA
Cabinet Xtra Large (includes Batt. Etc.)	NA	NA	NA
Mini-Hut	NA	NA	NA
Maxi -Hut	NA	NA	NA
CEV 16	NA	NA	NA
CEV 24	NA	NA	NA

PROPRIETARY

Information - Channel (DLC/ONU-DLCRT)

Item	Equipment Category	UOM
POTS	Plug-in	POTS
POTSX	Plug-in	POTSX
COIN	Plug-in	COIN
COINX	Plug-in	COINX
BRI-ISDN	Plug-in	BRI-ISDN
BRI-ISDNX	Plug-in	BRI-ISDNX
CENTREX	Plug-in	CENTREX
CENTREXX	Plug-in	CENTREXX
SW-VGSS	Plug-in	SW-VGSS
SW-VGSSX	Plug-in	SW-VGSSX
NSW-VGSS	Plug-in	NSW-VGSS
NSW-VGSSX	Plug-in	NSW-VGSSX
4-WIRE	Plug-in	4-WIRE
4-WIREX	Plug-in	4-WIREX
DS1	Plug-in	DS1
DS1X	Plug-in	DS1X
HDSL	Plug-in	HDSL
HDSLX	Plug-in	HDSLX
ADSL	Plug-in	ADSL
ADSLX	Plug-in	ADSLX
PBX	Plug-in	PBX
PBXX	Plug-in	PBXX

PROPRIETARY

Information - CE (DLC/ONU-DLCRT)

Item	Equipment Category	UOM
RT CE Optical Bank/Shelf	Hardwired	All
CE Bank/Shelf Common Equip. (Integrated)	Common	All
CE Bank/Shelf Common Equip. (Universal)	Common	All
TSI	Common	All
TSI Protect	Common	All
RT channel bank /Shelf (Metallic)	Hardwired	All
Channel Bank/Shelf CE	Common	All
ADSL Common Equipment	Common	ADSL
HDSL Common Equipment	Common	HDSL
Optical ONU Bank/Shelf	Hardwired	All
Optical Shelf CE	Common	ONU
Optical Line Units	Common	ONU
DSX Panel	Hardwired	All
Batteries, Environ. Equip., Etc.	Hardwired	All
Bay	Hardwired	All
ONU Cabinet (e.g. CAD-12)	Hardwired	All
Cabinet Small (includes Batt. Etc.)	Hardwired	All
Cabinet Medium (includes Batt. Etc.)	Hardwired	All
Cabinet Large (includes Batt. Etc.)	Hardwired	All
Cabinet Xtra Large (includes Batt. Etc.)	Hardwired	All
Mini-Hut	Hut	All
Maxi -Hut	Hut	All
CEV 16	CEV	All
CEV 24	CEV	All

PROPRIETARY

DLC/SONET SubFRC (DLC/ONU-Other)

Item	COT SubFRC	RT SubFRC	Customer Premise SubFRC
CEV	0	0	0
Combined	15	0	0
Common	6	40	22
Hardwired	3	37	19
Hut	0	0	0
Plug-in	12	46	28

PROPRIETARY

DLC/SONET FRC (DLC/ONU-Other)

Item	FRC
CEV	4C
COT	257C
Hut	10C
POP	357C
RT	257C

PROPRIETARY

DLC Vendor Mix (DLC/ONU-Other)		
DLC Type	Vendor "A"	Vendor "B"
Integrated	0.42	0.58
ONU	0	1
Universal	0.42	0.58

PROPRIETARY

COT Fiber Termination (DLC/ONU-Other)

Plant Type	Type or Size	Material Cost
Fiber Terminating Frame	6	100.27
Fiber Terminating Frame	12	133
Fiber Terminating Frame	24	468.17
Fiber Terminating Frame	48	1115.25
Fiber Terminating Frame	72	2826
Fiber Terminating Frame	96	2946.12
Fiber Terminating Frame	144	4628.16
Fiber Terminating Frame	216	10709.28

PROPRIETARY

Plant Mix (Engineering Rules)

Density Lower Range	Density Upper Range	Density Group	Cost Family	Water Table	Bedrock Depth	Terrain Difficulty	CLLI	Percent Aerial	Percent Buried	Percent Underground	Order of Processing	Source
0	100000000	*	*	1000	1000	*	*	0.33	0.33	0.34	1	
0	100000000	Rural	Dist	1000	1000	*	*	0.25	0.75	0	2	
0	100000000	Suburban	Dist	1000	1000	*	*	0.15	0.85	0	3	
0	100000000	Urban	Dist	1000	1000	*	*	0.05	0.95	0	4	
0	100000000	Rural	Fdr	1000	1000	*	*	0.25	0.75	0	5	
0	100000000	Suburban	Fdr	1000	1000	*	*	0.15	0.5	0.35	6	
0	100000000	Urban	Fdr	1000	1000	*	*	0	0.25	0.75	7	
0	100000000	*	*	15	15	*	*	1	0	0	8	
5000	10000	*	*	1000	1000	*	*	0	0	1	9	
0	100000000	*	*	1000	1000	*	ARCHFLMARS0	8.86E-02	0.904902028	6.54E-03	10	*
0	100000000	*	*	1000	1000	*	BCRTFLBTDSD	6.09E-02	0.718852491	0.220241703	11	*
0	100000000	*	*	1000	1000	*	BCRTFLMADS1	0.165080488	0.588953345	0.245966167	12	*
0	100000000	*	*	1000	1000	*	BCRTFLSADS0	4.62E-02	0.792619083	0.161221659	13	*
0	100000000	*	*	1000	1000	*	BGPFLMARS0	0.805222256	7.86E-02	0.116164197	14	*
0	100000000	*	*	1000	1000	*	BKVLFLJFDS0	0.118980587	0.847648724	3.34E-02	15	*
0	100000000	*	*	1000	1000	*	BLDWFLMARS0	0.243329631	0.749097328	7.57E-03	16	*
0	100000000	*	*	1000	1000	*	BLGLFLMADS0	0.298757233	0.659722902	4.15E-02	17	*
0	100000000	*	*	1000	1000	*	BNFLFLMARS0	5.17E-02	0.941812046	6.50E-03	18	*
0	100000000	*	*	1000	1000	*	BRSNFLMARS0	0.096320073	0.897400598	6.28E-03	19	*
0	100000000	*	*	1000	1000	*	BYBFLMADS0	0.167860064	0.680267818	0.151872118	20	*
0	100000000	*	*	1000	1000	*	CCBFLMADS0	0.133174083	0.469333162	0.397492754	21	*
0	100000000	*	*	1000	1000	*	CDKYFLMARS0	7.86E-02	0.911160141	1.02E-02	22	*
0	100000000	*	*	1000	1000	*	CFLDFLMARS0	0.117577975	0.872433591	9.99E-03	23	*
0	100000000	*	*	1000	1000	*	CHPLFLJADS0	0.165305242	0.797861165	3.68E-02	24	*
0	100000000	*	*	1000	1000	*	CNTMFLLEDSD	0.365208688	0.606297471	2.85E-02	25	*
0	100000000	*	*	1000	1000	*	COCOFLMADS0	0.275183596	0.605686509	0.119129895	26	*
0	100000000	*	*	1000	1000	*	COCOFLEMEDSD	0.273240534	0.617521239	0.109238227	27	*
0	100000000	*	*	1000	1000	*	CSCYFLBARS0	0.124294437	0.867974586	7.73E-03	28	*
0	100000000	*	*	1000	1000	*	DBRYFLDSDSD	5.55E-02	0.904787577	3.97E-02	29	*
0	100000000	*	*	1000	1000	*	DBRYFLMARS1	0.101283603	0.848603564	0.050112833	30	*
0	100000000	*	*	1000	1000	*	DELDFLMADS0	0.143387354	0.760240435	9.64E-02	31	*
0	100000000	*	*	1000	1000	*	DLBFLFKPDS0	0.1493345	0.719583744	0.131081756	32	*
0	100000000	*	*	1000	1000	*	DLBFLMADS0	0.240112275	0.473271062	0.286616663	33	*
0	100000000	*	*	1000	1000	*	DLSPLMARS0	0.113924004	0.885078878	9.97E-04	34	*
0	100000000	*	*	1000	1000	*	DNLNFLWMRS0	3.19E-02	0.954027888	1.40E-02	35	*
0	100000000	*	*	1000	1000	*	DRBFLMADS0	0.157336854	0.623341585	0.21932156	36	*
0	100000000	*	*	1000	1000	*	DYBFLFNRS0	0.142405994	0.65382591	0.203768096	37	*
0	100000000	*	*	1000	1000	*	DYBFLMADS0	0.204282193	0.564490766	0.231227041	38	*
0	100000000	*	*	1000	1000	*	DYBFLQBS0	0.120488908	0.7781659	0.101345192	39	*
0	100000000	*	*	1000	1000	*	DYBFLQSDSD	0.307441118	0.474863051	0.217695831	40	*
0	100000000	*	*	1000	1000	*	DYBFLPQSDSD	8.89E-02	0.756176743	0.154914905	41	*
0	100000000	*	*	1000	1000	*	EGLLFLBGSDSD	0.166070032	0.698228864	0.135701104	42	*
0	100000000	*	*	1000	1000	*	EGLLFLIHSDSD	0.212617714	0.584092242	0.203290044	43	*
0	100000000	*	*	1000	1000	*	EORNFLMARS0	0.357638173	0.623186162	1.92E-02	44	*
0	100000000	*	*	1000	1000	*	FLBFLMARS0	8.48E-02	0.88864421	2.65E-02	45	*
0	100000000	*	*	1000	1000	*	FRBFLFPDS0	0.174904826	0.742606538	0.082488636	46	*
0	100000000	*	*	1000	1000	*	FTGRFLMARS0	3.24E-02	0.9638834	3.76E-03	47	*
0	100000000	*	*	1000	1000	*	FTLDFLAPRS0	7.65E-02	0.328584664	0.594937958	48	*

PROPRIETARY

Plant Mix (Engineering Rules)

Density Lower Range	Density Upper Range	Density Group	Cost Family	Water Table	Bedrock Depth	Terrain Difficulty	CLLI	Percent Aerial	Percent Buried	Percent Underground	Order of Processing	Source
0	100000000	*	*	1000	1000	*	FTLDFLCRDS0	0.401337057	0.194668393	0.403994549	49	*
0	100000000	*	*	1000	1000	*	FTLDFLCYDS0	0.335384165	0.236766769	0.427849066	50	*
0	100000000	*	*	1000	1000	*	FTLDFLJADS0	0.124152144	0.646160427	0.229687429	51	*
0	100000000	*	*	1000	1000	*	FTLDFLMRDS0	0.315023125	0.237897817	0.447079058	52	*
0	100000000	*	*	1000	1000	*	FTLDFLOADS0	0.197070204	0.539016358	0.263913438	53	*
0	100000000	*	*	1000	1000	*	FTLDFPLDS0	0.357551123	0.355810194	0.286638682	54	*
0	100000000	*	*	1000	1000	*	FTLDFSLGDS0	5.32E-02	0.515759118	0.431079686	55	*
0	100000000	*	*	1000	1000	*	FYLDFLSUDS0	7.93E-02	0.760698694	0.159994059	56	*
0	100000000	*	*	1000	1000	*	FTLDFLWVDS0	4.92E-02	0.742362253	0.208434288	57	*
0	100000000	*	*	1000	1000	*	FTRFLMADS0	0.306625225	0.547511481	0.145863294	58	*
0	100000000	*	*	1000	1000	*	GCSFPLCND0	0.19871028	0.762418676	3.89E-02	59	*
0	100000000	*	*	1000	1000	*	GCVFLMARS0	0.127741402	0.862887825	9.37E-03	60	*
0	100000000	*	*	1000	1000	*	GENVFLMARS0	0.199755438	0.798099995	2.14E-03	61	*
0	100000000	*	*	1000	1000	*	GLBRFLMCD0	0.157536747	0.703843083	0.13862017	62	*
0	100000000	*	*	1000	1000	*	GSVFLMADS0	0.125370449	0.659176186	0.215453365	63	*
0	100000000	*	*	1000	1000	*	GSVFLMW3E	5.44E-02	0.814955498	0.130631308	64	*
0	100000000	*	*	1000	1000	*	HAVNFLMADS0	0.185113771	0.799696585	1.52E-02	65	*
0	100000000	*	*	1000	1000	*	HBSDFLMADS0	0.189796563	0.695614903	0.114588534	66	*
0	100000000	*	*	1000	1000	*	HLNVFLMADS1	0.329866259	0.664047072	6.09E-03	67	*
0	100000000	*	*	1000	1000	*	HLWDFLHADS0	0.258024853	0.352356765	0.389618382	68	*
0	100000000	*	*	1000	1000	*	HLWDFLMADS0	0.330191032	0.268424846	0.401384122	69	*
0	100000000	*	*	1000	1000	*	HLWDFLPEDS0	0.151465511	0.705851058	0.142683431	70	*
0	100000000	*	*	1000	1000	*	HLWDFLWHD0	0.32379695	0.324889532	0.351131518	71	*
0	100000000	*	*	1000	1000	*	HMSTFLAFRS0	0.150576462	0.666262258	0.18316128	72	*
0	100000000	*	*	1000	1000	*	HMSTFLARS0	0.419278866	0.412081694	0.16863944	73	*
0	100000000	*	*	1000	1000	*	HMSTFLHMD0	0.318165103	0.450129287	0.23170561	74	*
0	100000000	*	*	1000	1000	*	HTISFLMADS0	9.79E-02	0.71483386	0.187299215	75	*
0	100000000	*	*	1000	1000	*	HWTHFLMARS0	0.215950825	0.773182134	1.09E-02	76	*
0	100000000	*	*	1000	1000	*	ISLMFLMARS0	0.727771615	0.167289239	0.104939146	77	*
0	100000000	*	*	1000	1000	*	JAY-FLMARS0	0.108344936	0.872393033	1.93E-02	78	*
0	100000000	*	*	1000	1000	*	JCBHFLABRS0	2.49E-02	0.978201037	-3.14E-03	79	*
0	100000000	*	*	1000	1000	*	JCBHFLMADS0	5.18E-02	0.745512716	0.202695054	80	*
0	100000000	*	*	1000	1000	*	JCBHFLSPRS0	0.061981514	0.900952888	3.71E-02	81	*
0	100000000	*	*	1000	1000	*	JCVLFLARDS0	0.158700314	0.626491281	0.214808405	82	*
0	100000000	*	*	1000	1000	*	JCVLFLBWD0	7.54E-02	0.714860646	0.209696533	83	*
0	100000000	*	*	1000	1000	*	JCVLFLCLDS0	0.240468904	0.355123421	0.404406676	84	*
0	100000000	*	*	1000	1000	*	JCVLFLFCDS0	0.148254453	0.728908251	0.124837296	85	*
0	100000000	*	*	1000	1000	*	JCVLFLIARS0	0.12171618	0.545550581	0.332733239	86	*
0	100000000	*	*	1000	1000	*	JCVLFLJTRS0	1.92E-02	0.318120088	0.662637535	87	*
0	100000000	*	*	1000	1000	*	JCVLFLFDS0	0.353639636	0.464993219	0.181367145	88	*
0	100000000	*	*	1000	1000	*	JCVLFLNODS0	0.233028786	0.623782352	0.143188862	89	*
0	100000000	*	*	1000	1000	*	JCVLFLWDS0	0.274777114	0.587656764	0.137566121	90	*
0	100000000	*	*	1000	1000	*	JCVLFLRVD0	0.324977841	0.405640874	0.269381285	91	*
0	100000000	*	*	1000	1000	*	JCVLFLSJ7E	0.106658743	0.585132954	0.308208302	92	*
0	100000000	*	*	1000	1000	*	JCVLFLSMD0	0.154807247	0.419385225	0.425807528	93	*
0	100000000	*	*	1000	1000	*	JCVLFLWCD0	0.144677809	0.640064936	0.215257255	94	*
0	100000000	*	*	1000	1000	*	JPTRFLMADS0	0.363888486	0.540515549	9.56E-02	95	*
0	100000000	*	*	1000	1000	*	KYHGFLMARS0	0.250092591	0.740442198	9.47E-03	96	*
0	100000000	*	*	1000	1000	*	KYLRFLRS0	0.672799965	0.189897924	0.137302111	97	*

PROPRIETARY

Plant Mix (Engineering Rules)

Density Lower Range	Density Upper Range	Density Group	Cost Family	Water Table	Bedrock Depth	Terrain Difficulty	CLLI	Percent Aerial	Percent Buried	Percent Underground	Order of Processing	Source
0	100000000	*	*	1000	1000	*	KYLRFLMARS0	0.580587002	0.169928735	0.249484264	98	*
0	100000000	*	*	1000	1000	*	KYWSFLMADS0	0.564620592	0.110926732	0.324452676	99	*
0	100000000	*	*	1000	1000	*	LKCYFLMADS0	7.74E-02	0.874565145	4.81E-02	*	*
0	100000000	*	*	1000	1000	*	LKMRFLMADS0	3.66E-02	0.7482676	0.215088757	101	*
0	100000000	*	*	1000	1000	*	LYHNFLOHDS0	0.215384796	0.759437524	2.52E-02	102	*
0	100000000	*	*	1000	1000	*	MCNPFMARS0	0.17074892	0.816732419	1.25E-02	103	*
0	100000000	*	*	1000	1000	*	MDBGFLPMS0	0.322980387	0.650991209	2.60E-02	104	*
0	100000000	*	*	1000	1000	*	MIAMFLAEDS0	0.467371939	0.129937381	0.40269068	105	*
0	100000000	*	*	1000	1000	*	MIAMFLALDS0	0.472077122	0.108912842	0.419010036	106	*
0	100000000	*	*	1000	1000	*	MIAMFLAPDS0	9.96E-02	0.171055189	0.729374353	107	*
0	100000000	*	*	1000	1000	*	MIAMFLBADS0	0.439676854	0.170021284	0.390301862	108	*
0	100000000	*	*	1000	1000	*	MIAMFLBCDS0	0.373511655	0.146403986	0.480084359	109	*
0	100000000	*	*	1000	1000	*	MIAMFLBRDS0	0.207743846	0.142178909	0.650077245	110	*
0	100000000	*	*	1000	1000	*	MIAMFLCADS0	0.178446815	0.464807748	0.356745437	111	*
0	100000000	*	*	1000	1000	*	MIAMFLDBRS1	0.116565073	0.155919153	0.727515774	112	*
0	100000000	*	*	1000	1000	*	MIAMFLFLDS0	0.502017098	0.123609333	0.374373569	113	*
0	100000000	*	*	1000	1000	*	MIAMFLGRDS0	9.79E-02	6.21E-02	0.840059557	114	*
0	100000000	*	*	1000	1000	*	MIAMFLHLDSD0	0.248385805	0.498821396	0.252792799	115	*
0	100000000	*	*	1000	1000	*	MIAMFLICDS0	0.259152111	0.204084025	0.536763864	116	*
0	100000000	*	*	1000	1000	*	MIAMFLKEDS0	0.250550987	0.460997371	0.288451642	117	*
0	100000000	*	*	1000	1000	*	MIAMFLMEDS0	0.337837411	0.135711462	0.526451126	118	*
0	100000000	*	*	1000	1000	*	MIAMFLNMDSD0	0.35422884	0.271517553	0.374253607	119	*
0	100000000	*	*	1000	1000	*	MIAMFLNSDSD0	0.501768519	0.205577052	0.292654429	120	*
0	100000000	*	*	1000	1000	*	MIAMFLOLDS0	0.456253229	0.221823583	0.321923178	121	*
0	100000000	*	*	1000	1000	*	MIAMFLPBDSD0	0.458535479	0.191230191	0.35023433	122	*
0	100000000	*	*	1000	1000	*	MIAMFLPLDS0	0.180773374	0.385470968	0.433755659	123	*
0	100000000	*	*	1000	1000	*	MIAMFLRRDS0	0.406989013	0.306995672	0.286015315	124	*
0	100000000	*	*	1000	1000	*	MIAMFLSHDS0	0.426746238	0.159162374	0.414091388	125	*
0	100000000	*	*	1000	1000	*	MIAMFLSODSD0	0.240413585	0.497536873	0.262049542	126	*
0	100000000	*	*	1000	1000	*	MIAMFLWDDSD0	1.98E-02	0.749659598	0.230548999	127	*
0	100000000	*	*	1000	1000	*	MIAMFLWMDSD0	0.345338944	0.199426354	0.455234703	128	*
0	100000000	*	*	1000	1000	*	MICCFBBS0	0.150888504	0.79818539	0.050926106	129	*
0	100000000	*	*	1000	1000	*	MLBRFLMADS0	0.113645467	0.764695919	0.121658614	130	*
0	100000000	*	*	1000	1000	*	MLTNFLRADS0	0.226589507	0.725419425	4.80E-02	131	*
0	100000000	*	*	1000	1000	*	MNDRFLAVDS0	2.42E-02	0.601234475	0.374577548	132	*
0	100000000	*	*	1000	1000	*	MNDRFLLODS0	0.073867601	0.828398155	0.097734244	133	*
0	100000000	*	*	1000	1000	*	MNDRFLWRS0	0.170614211	0.766361707	6.30E-02	134	*
0	100000000	*	*	1000	1000	*	MNSNFLMARS0	0.02077657	0.977807274	1.42E-03	135	*
0	100000000	*	*	1000	1000	*	MRTHFLVRS0	0.607191727	0.123575927	0.269232346	136	*
0	100000000	*	*	1000	1000	*	MXVFLMARS0	0.22672588	0.765232627	8.04E-03	137	*
0	100000000	*	*	1000	1000	*	NDADFLACDS0	0.294976649	0.227331921	0.47769143	138	*
0	100000000	*	*	1000	1000	*	NDADFLBRDS0	0.300410091	0.463534426	0.236055483	139	*
0	100000000	*	*	1000	1000	*	NDADFLGGDS0	0.311692557	0.337179554	0.351127889	140	*
0	100000000	*	*	1000	1000	*	NDADFLLODS0	0.217031293	0.250473379	0.532495327	141	*
0	100000000	*	*	1000	1000	*	NKLRFLMARS0	0.370053086	0.462803264	0.167143649	142	*
0	100000000	*	*	1000	1000	*	NSBFLMADS0	0.124722083	0.736859838	0.138418078	143	*
0	100000000	*	*	1000	1000	*	NWBYFLMARS0	8.27E-02	0.906408018	1.09E-02	144	*
0	100000000	*	*	1000	1000	*	OKHLFLMARS0	0.118410662	0.865840468	1.57E-02	145	*
0	100000000	*	*	1000	1000	*	OLTWFLNRS0	8.90E-02	0.907665577	3.30E-03	146	*
0	100000000	*	*	1000	1000	*	ORLDFLAPDS0	0.12016405	0.709362048	0.170473902	147	*
0	100000000	*	*	1000	1000	*	ORLDFLCLDS0	0.148341163	0.599098128	0.252560709	148	*

PROPRIETARY

Plant Mix (Engineering Rules)

Density Lower Range	Density Upper Range	Density Group	Cost Family	Water Table	Bedrock Depth	Terrain Difficulty	CLLI	Percent Aerial	Percent Buried	Percent Underground	Order of Processing	Source
0	100000000	*	*	1000	1000	*	ORLDFLMADS1	0.114284283	0.570383739	0.315331978	149	*
0	100000000	*	*	1000	1000	*	ORLDFLPCDS0	6.72E-02	0.732867917	0.199971532	150	*
0	100000000	*	*	1000	1000	*	ORLDFLPHDS0	6.24E-02	0.799115791	0.138449041	151	*
0	100000000	*	*	1000	1000	*	ORLDFLSADS0	6.32E-02	0.679268433	0.2575727	152	*
0	100000000	*	*	1000	1000	*	ORPKFLMADS0	9.67E-02	0.732551792	0.170724014	153	*
0	100000000	*	*	1000	1000	*	ORPKFLRWDSD0	0.060677553	0.758762248	0.180560199	154	*
0	100000000	*	*	1000	1000	*	OVIDFLCADSD0	9.00E-02	0.851712152	5.83E-02	155	*
0	100000000	*	*	1000	1000	*	PACEFLPV99E	0.20499149	0.738728828	5.63E-02	156	*
0	100000000	*	*	1000	1000	*	PAHKFLMARS0	0.14739423	0.81411933	0.03848644	157	*
0	100000000	*	*	1000	1000	*	PCBHFLNTDS0	0.10363111	0.775438556	0.120930334	158	*
0	100000000	*	*	1000	1000	*	PLCSFLMADS0	7.83E-03	0.959266096	3.29E-02	159	*
0	100000000	*	*	1000	1000	*	PLTKFLMADS0	0.135220846	0.795679372	6.91E-02	160	*
0	100000000	*	*	1000	1000	*	PMBHFLCSDSD0	6.42E-02	0.792627506	0.14316147	161	*
0	100000000	*	*	1000	1000	*	PMBHFLFEDSD0	0.348740113	0.316166327	0.33509356	162	*
0	100000000	*	*	1000	1000	*	PMBHFLMADS0	0.155337627	0.543470116	0.301192257	163	*
0	100000000	*	*	1000	1000	*	PMBHFLTADSD0	3.76E-02	0.811218472	0.151187698	164	*
0	100000000	*	*	1000	1000	*	PMPKFLMARS0	8.48E-02	0.914017996	1.15E-03	165	*
0	100000000	*	*	1000	1000	*	PNCYFLCA87E	0.17138653	0.782398561	4.62E-02	166	*
0	100000000	*	*	1000	1000	*	PNCYFLMADS0	0.23719854	0.59870173	0.16409973	167	*
0	100000000	*	*	1000	1000	*	PNSCFLBDS0	0.305332101	0.482140264	0.212527636	169	*
0	100000000	*	*	1000	1000	*	PNSCFLPPDS0	0.192119815	0.631380281	0.176499904	170	*
0	100000000	*	*	1000	1000	*	PNSCFLHCDSD0	0.316390257	0.602289465	8.13E-02	171	*
0	100000000	*	*	1000	1000	*	PNSCFLPBDSD0	0.148736464	0.843934238	7.33E-03	172	*
0	100000000	*	*	1000	1000	*	PNSCFLWADSD0	0.191641826	0.640900538	0.167457636	173	*
0	100000000	*	*	1000	1000	*	PNVDFLMADS0	1.72E-02	0.948710078	3.41E-02	174	*
0	100000000	*	*	1000	1000	*	PRRNFLMADS0	0.241277479	0.553162817	0.205559704	175	*
0	100000000	*	*	1000	1000	*	PRSNFLFDRSD0	0.128524308	0.867858004	3.62E-03	176	*
0	100000000	*	*	1000	1000	*	PTSLFLMADS0	0.327912684	0.606742425	6.53E-02	177	*
0	100000000	*	*	1000	1000	*	PTSLFLSODSD0	0.145804158	0.72707708	0.127118763	178	*
0	100000000	*	*	1000	1000	*	SBSTFLFERS0	0.577040371	0.419877194	0.003082435	179	*
0	100000000	*	*	1000	1000	*	SBSTFLMADS0	0.270109873	0.645473051	0.084417076	180	*
0	100000000	*	*	1000	1000	*	SGKYFLMARS0	0.71882655	0.131224304	0.151949146	181	*
0	100000000	*	*	1000	1000	*	SNFRFLMADS0	0.126823266	0.758022597	0.115154137	182	*
0	100000000	*	*	1000	1000	*	STAGFLBSRS0	3.14E-02	0.787262272	0.181384733	183	*
0	100000000	*	*	1000	1000	*	STAGFLMADS0	0.207243667	0.659659676	0.133096657	184	*
0	100000000	*	*	1000	1000	*	STAGFLSHRS0	0.102857454	0.83799833	5.91E-02	185	*
0	100000000	*	*	1000	1000	*	STAGFLWGRSD0	0.151	0.7242	0.1248	186	*
0	100000000	*	*	1000	1000	*	STRFLMADS0	0.169997841	0.6632038	0.166798359	187	*
0	100000000	*	*	1000	1000	*	SYHSFLCCRS0	0.132024084	0.859674978	8.30E-03	188	*
0	100000000	*	*	1000	1000	*	TRENFLMARS0	7.59E-02	0.91476262	9.35E-03	189	*
0	100000000	*	*	1000	1000	*	TTVLFLMADS0	0.239211829	0.642723423	0.118064747	190	*
0	100000000	*	*	1000	1000	*	VERNFLMARS0	0.144987866	0.849916313	0.00509582	191	*
0	100000000	*	*	1000	1000	*	VRBFLBERS0	8.72E-02	0.753489075	0.159265364	192	*
0	100000000	*	*	1000	1000	*	VRBFLMADS0	0.261911764	0.637596896	0.100491339	193	*
0	100000000	*	*	1000	1000	*	WELKFLMARS0	0.13361593	0.865240778	1.14E-03	194	*
0	100000000	*	*	1000	1000	*	WPBFLANDSD0	0.347012565	0.252097681	0.400889754	195	*
0	100000000	*	*	1000	1000	*	WPBFLGADSD0	0.222622199	0.615812847	0.161564954	196	*
0	100000000	*	*	1000	1000	*	WPBFLGRSD0	0.206329583	0.649873941	0.143796476	197	*
0	100000000	*	*	1000	1000	*	WPBFLHHSDSD0	0.197201878	0.57269235	0.230105772	198	*
0	100000000	*	*	1000	1000	*	WPBFLLEDSD0	0.27021639	0.405162567	0.324621042	199	*
0	100000000	*	*	1000	1000	*	WPBFLRBDSD0	0.313466558	0.410266562	0.27626688	200	*
0	100000000	*	*	1000	1000	*	WPBFLRPDSD0	0.510264145	0.452972405	3.68E-02	201	*
0	100000000	*	*	1000	1000	*	WWSFLHSDSD0	9.92E-02	0.874287361	2.66E-02	202	*
0	100000000	*	*	1000	1000	*	WWSFLSHSDSD0	0.036532827	0.930309988	3.32E-02	203	*
0	100000000	*	*	1000	1000	*	YNFNFLMARS0	0.189451052	0.809784297	7.65E-04	204	*
0	100000000	*	*	1000	1000	*	YNTWFLMARS0	0.231111176	0.760293685	8.60E-03	205	*
0	100000000	*	*	1000	1000	*	YULEFLMARS0	0.323990114	0.667805354	8.20E-03	206	*

DR00DIETADV

Network Rules (Engineering Rules)

Rule	Value	UOM	
AA24/26GaugeXover	12000	Feet	
AllLocalChannelServicesToFO	Yes		
BuildToWhat	HouseholdsOnLotsWithWorkingLines	Text	
CSA24/26GaugeXover	9000	Feet	
CustomerGrowthFactor	0	Percent	
DesignPairsPerHU	2	Pairs	
DistributionSizingRoutine	PairsPerHouse	Text	
DS1XoverToFOatLot	5	DS1s	
FDICableDesignPairsPerHU	1.5	Factor	
HiCapNodesPerSONETRing	5	Nodes	
MaximumCUCableSize	4200	Pairs	
MaximumFOSize	216	Strands	
MinFDIToDLCAANDistance	8	Feet	
MinFOstrandsPerONU	1.2	Strands	
MinFOstrandsPerRing	6	Strands	
MinimumCUCableSize	25	Pairs	
MinimumFOSize	12	Strands	
MinimumPairsPerBusiness	6	Pairs	NOT USED
PoleSizeWithoutSharing	40	Feet	NOT USED
PoleSizeWithSharing	40	Feet	NOT USED
TR008BusConcentrationRatio	1		
TR008ResConcentrationRatio	2		
TR303BusConcentrationRatio	3		
TR303ResConcentrationRatio	4		
WaterDepthCev/HutXover	0	Feet	NOT USED

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GIS Rules (Engineering Rules)

Rule	Value	UOM
AALineDesignLimit	1800	Lines
AALineMinimumLimit	10	Lines
CopperLengthDesignLimit	12000	Feet
CopperLengthHardLimit	13000	Feet
DCLengthDesignLimit	12000	Feet
DCLengthHardLimit	18000	Feet
DLCLineDesignLimit	1800	Lines
DLCLineMinimumLimit	10	Lines
DTBTHHDesignLimit	6	HH
FDILineDesignLimit	900	Lines
FDIToDLCXoverBus	400	DS0
FDIToDLCXoverTotal	1000	DS0
MaxDropLen	700	Feet
MaxLotWidth	50	Feet
NIDToBTDTXover	5	Lines
NumberNodesPerRing	4	Nodes
UseActualCustomerLocations	Yes	Text
UseActualNetworkLocations	No	Text
UseRectilinearDrop	No	Text

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FDI and BT Engineering (Engineering Rules)

Rule Name	Rule	Value
CrossOverfrom66to303	Cross-over from 66 type to 303 type (In Pairs)	7200
BTOutInRatio	Indoor building terminal In/Out Ratio	2
FDIOutInRatioIndoor	Indoor SAI In/Out Ratio	3
FDIOutInRatioOutdoor	Outdoor SAI In/Out Ratio	3

PROPRIETARY

Electronic and Fiber Sizing (Engineering Rules)

Equipment	Engineering Fill	
DistCUFill	1	
DistFOFill	0.75	NOT USED
DLCCOTFill	0.8	
DLCRTFill	0.7	
DTFill	0.85	
ElectronicFill	0.85	NOT USED
FDIFill	0.9	
FdrCUFill	0.75	
FdrFOFill	0.75	NOT USED
SonetRTFill	0.85	

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DLC Technology (Engineering Rules)

Technology	Lower Limit on DSO's	Upper Limit on DSO's	Density Lower Range	Density Upper Range	Order Of Processing
Integrated/Universal	0	0	0	100000000	1
ONU	0	24	0	100000000	2
Integrated008	24	150	0	100000000	3
Integrated303	150	100000	0	100000000	4

NOT USED

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Copper Cable Sizing (Engineering Rules)

Density	Feeder	Distribution*
0	0.700	0.500
5	0.775	0.500
100	0.800	0.500
200	0.825	0.500
650	0.825	0.500
850	0.825	0.500
2550	0.825	0.500
5000	0.825	0.500
10000	0.825	0.500

* NOT USED

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Building Cable Rules (Engineering Rules)

Rule	Value
AvgLengthEntranceCable	10
AvgLengthFloortoFloor	25
AvgLinesPerFloor	25
PctTelcoCabledBuildings	0.75

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Drop Placing Hours (Splicing And Placing Hours)		
Item	Placing (Hrs/100 Ft)	Placing (Hrs)
AerialCU	0	1.0392
BuriedCU	0	1.4216
NIDCU	0	0.25

PROPRIETARY

Service Local Channel (Lookup Tables)

Service Code

ha
ia
jb
ob
pb
rb

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Service Description (Lookup Tables)

Service Code	Service	Service Category	Preferred Media*	Extended Range Cutover	Pair Equivalence	DSO Equivalence	Service Class	Channel Unit / Plug-in type	Clustered
A	2WG UV	NSW	CU	14800	1	1	Bus	POTS	Yes
a	LOCAL POTS/POTS-LIKE	NSW	CU	14800	1	1	?	POTS	Yes
B	2WVG UDL ADSL	NSW	CU	1000000	1	1	Bus	NA	Yes
b	PBX	NSW	CU	14800	1	1	Bus	PBX	Yes
C	2WVG UDL HDSL	NSW	CU	1000000	1	1	Bus	NA	Yes
c	CENTREX	NSW	CU	14800	1	1	Bus	CENTREX	Yes
D	2WVG UDL ISDN	NSW	CU	18000	1	3	Bus	BRI-ISDN	Yes
d	COIN SMART LINE	NSW	CU	14800	1	1	Bus	COIN	Yes
E	2WVG USL FEEDER	NSW	CU	14800	1	1	Bus	POTS	Yes
e	COIN REGULAR	NSW	CU	14800	1	1	Bus	COIN	Yes
f	ISDN LOC	NSW	CU	18000	1	3	?	BRI-ISDN	Yes
F	2WVG USL DISTRIBUTION	NSW	CU	1000000	1	1	Bus	NA	Yes
G	2WVG USL RISER	NSW	CU	1000000	1	1	Bus	NA	Yes
g	ISDN PBX	NSW	CU	18000	1	3	Bus	BRI-ISDN	Yes
H	2WVG U LOCAL CHANNEL(357C)	NSW	CU	14800	1	1	Bus	POTS	Yes
h	DSO 2W	NSW	CU	18000	1	1	Bus	NSW-VGSS	Yes
I	4WVG UD	NSW	CU	18000	2	2	Bus	4-WIRE	Yes
i	DSO 4W	NSW	CU	18000	2	2	Bus	4-WIRE	Yes
J	4WVG UDL (257C) HDSL	NSW	CU	18000	2	2	Bus	HDSL	Yes
j	SLV ANALOG 2W	NSW	CU	14800	1	1	Bus	POTS	Yes
k	DS1 DIGITAL MEGALINK ISDN	NSW	CU	18000	2	24	Bus	HDSL	Yes
K	4WVG UDL (257C) DS1	Wideband	CU	18000	2	24	Bus	HDSL	Yes
L	4WVG USLC DS1	NSW	CU	18000	2	24	Bus	HDSL	Yes
M	4WVG LOOP	NSW	CU	18000	2	2	Bus	4-WIRE	Yes
N	4WVG USL DISTRIBUTION	NSW	CU	1000000	2	2	Bus	NA	Yes
o	SLV ANALOG 4W	NSW	CU	18000	2	2	Bus	4-WIRE	Yes
O	4WVGA LOCAL CHANNEL(357C)	NSW	CU	18000	2	2	Bus	4-WIRE	Yes
p	DS1 DIGITAL ACCESS	Wideband	CU	18000	2	24	Bus	HDSL	Yes
P	UCL (357C) LOCAL CHANNEL DS1 DIGITAL	Wideband	CU	1000000	2	24	Bus	HDSL	Yes
Q	UCL 2W	NSW	CU	14800	1	1	Bus	NSW-VGSS	Yes
r	DS3 DIGITAL ACCESS	Wideband	FO	1000000	0	672	Bus	DS3	No
R	UCL 4W	NSW	CU	18000	2	2	Bus	4W	Yes
s	DS3 DIGITAL LIGHTGATE/VIDEO	Wideband	FO	1000000	0	672	Bus	DS3	No
S	ULL (257C) DS3	Wideband	FO	1000000	0	672	Bus	DS3	No
T	ULL (257C) OC3	Wideband	FO	1000000	0	2016	Bus	OC3	No
t	DS1 DIGITAL SWITCHED AREA COMM. PLAN	Wideband	CU	18000	2	24	Bus	HDSL	Yes
u	OTHER DSO/ANALOG 2W/4W	NSW	CU	18000	1	1	Bus	NSW-VGSS	Yes
U	ULL (257C) OC12	Wideband	FO	1000000	0	8064	Bus	OC12	No
v	DS3 DIGITAL SWITCHED AREA COMM PLAN, BST TRK SVC	Wideband	FO	1000000	0	672	Bus	DS3	No
V	ULL (257C) OC48	Wideband	FO	1000000	0	32256	Bus	OC48	No
W	U LOCAL CHANNEL (357C) DS3	Wideband	FO	1000000	0	672	Bus	OC1	No
X	U LOCAL CHANNEL (357C) OC3	Wideband	FO	1000000	0	2016	Bus	OC3	No
Y	U LOCAL CHANNEL (357C) OC12	Wideband	FO	1000000	0	8064	Bus	OC12	No
Z	U LOCAL CHANNEL (357C) OC48	Wideband	FO	1000000	0	32256	Bus	OC48	No

* NOT USED

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Cost Family (Lookup Tables)

Cost Element	Cost Family
BLDGCABLE	Dist
CO	Fdr
DLC-COT	Fdr
DLC-RT	Fdr
Drop	Dist
DT-FDI	Dist
DTBT	Dist
FDI	Fdr
FDI-DLC	Fdr
NID	Dist
ONU	Dist

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Component (Lookup Tables)

Component Code	FRC	SubFRC	Cost Type	
AerialCU	22C		VS	
AerialCU24G	22C4		VS	
AerialFO	822C		VS	
BuildingCU	12C		VS	
BuildingCU24G	12C4		VS	
BuildingFO	812C		VS	
Buried Suburban Excavation Act	12C		VS	
BuriedCU	45C		VS	
BuriedCU24G	45C4		VS	
BuriedFO	845C		VS	
BuriedTrenchCU	45C		S	
BuriedTrenchCU24G	45C4		S	
BuriedTrenchFO	845C		S	
Conduit	4C		S	
DLCCOT	257C		VS	NOT USED
DLCRT	257C		VS	NOT USED
IntrabuildingCU	52C		VS	
IntrabuildingCU24G	52C4		VS	
IntrabuildingFO	852C		VS	
NIDCU	22C	1	VS	
NIUCU	257C	19	VS	
Pole	1C		S	
UndergroundCU	5C		VS	
UndergroundCU24G	5C4		VS	
UndergroundFO	85C		VS	

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Labor Rate (Labor Rates And Loadings)

Type	Rate/Hour	Labor Rate
Engineering	0	Engineering Plant or Test Direct Labor Costs/ Hour
Estimators	0	Estimators/Posting
Inspectors	0	Inspectors (Contract Administration-46)
LAC	0	Assignment (LAC)
Placing	29.02	Placing (44) Plant Direct Labor Costs per Hour
Splicing	0	Splicing (43) Plant Direct Labor Costs per Hour

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NID/NIU (Material)

Plant Type	Type or Size	Material Cost
HDSL Modem	1	144.34
NID	2	14.52
NID	6	18.06
NIDIntandProt	1	7.83
NIU	1	169.85

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Indoor FDI Terminals Primitives (Material)

Plant Type	Type	Item	Capacity	Material Cost	
Indoor FDI Terminals	FDI66Connector	66 -type Punch-Down Connector Blocks (50 pair)	50	5.46	
Indoor FDI Terminals	FDIBackboard	Backboard (In) (200 pair)	200	8.87	
Indoor FDI Terminals	FDI189Protector	189 type Protector (100 pair)	100	307.81	
Indoor FDI Terminals	FDI303Connector	303 type connector (100 pair includes coils)	100	0	NOT USED
Indoor FDI Terminals	FDI303Rack	Iron Racks for 303 (per 100 pair)	100	0	NOT USED

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Fiber Cable (Material)

Plant Type	Type or Size	Material Cost
Aerial	6	0.44
Aerial	12	0.53
Aerial	18	0.64
Aerial	24	0.72
Aerial	30	0.84
Aerial	32	0.88
Aerial	36	0.91
Aerial	44	1.08
Aerial	48	1.22
Aerial	60	1.35
Aerial	72	1.58
Aerial	84	1.75
Aerial	96	1.93
Aerial	108	2.15
Aerial	120	2.36
Aerial	132	2.56
Aerial	144	2.77
Aerial	156	2.96
Aerial	168	3.16
Aerial	216	3.97
Buried	6	0.44
Buried	12	0.53
Buried	18	0.64
Buried	24	0.72
Buried	30	0.84
Buried	32	0.88
Buried	36	0.91
Buried	44	1.08
Buried	48	1.22
Buried	60	1.35
Buried	72	1.58
Buried	84	1.75
Buried	96	1.93
Buried	108	2.15
Buried	120	2.36
Buried	132	2.56
Buried	144	2.77
Buried	156	2.96
Buried	168	3.16
Buried	216	3.97

PROPRIETARY

Fiber Cable (Material)

Plant Type	Type or Size	Material Cost
Riser/Intrabuilding	6	0.57
Riser/Intrabuilding	12	1.14
Riser/Intrabuilding	18	1.19
Riser/Intrabuilding	24	1.59
Riser/Intrabuilding	30	1.66
Riser/Intrabuilding	32	1.77
Riser/Intrabuilding	36	1.99
Riser/Intrabuilding	44	2.43
Riser/Intrabuilding	48	2.68
Riser/Intrabuilding	60	3.35
Riser/Intrabuilding	72	3.63
Riser/Intrabuilding	84	4.84
Riser/Intrabuilding	96	5.45
Riser/Intrabuilding	108	6.05
Riser/Intrabuilding	120	6.66
Riser/Intrabuilding	132	7.26
Riser/Intrabuilding	144	8.5
Riser/Intrabuilding	156	9.92
Riser/Intrabuilding	168	12.75
Riser/Intrabuilding	216	21.87
Underground	6	0.44
Underground	12	0.53
Underground	18	0.64
Underground	24	0.72
Underground	30	0.84
Underground	32	0.88
Underground	36	0.91
Underground	44	1.08
Underground	48	1.22
Underground	60	1.35
Underground	72	1.58
Underground	84	1.75
Underground	96	1.93
Underground	108	2.15
Underground	120	2.36
Underground	132	2.56
Underground	144	2.77
Underground	156	2.96
Underground	168	3.16
Underground	216	3.97

PROPRIETARY

FDI Terminals (Material)

Plant Type	Type or Size	Material Cost
Aerial	50	0
Aerial	100	139.52
Aerial	200	279.04
Aerial	300	418.56
Aerial	400	796.96
Aerial	600	1061.11
Aerial	900	1429.52
Aerial	1000	1489.8
Aerial	1200	1735.67
Aerial	1400	1953.28
Aerial	1500	2048.43
Aerial	1800	2240.25
Aerial	2100	2929.92
Aerial	2400	3348.48
Aerial	2700	3767.04
Aerial	3000	4185.6
Aerial	3300	4604.16
Aerial	3600	5022.72
Aerial	4200	5859.84
Aerial	4800	6696.96
Aerial	5400	7534.08
Aerial	7200	10045.44
Buried	50	0
Buried	100	150.09
Buried	200	300.18
Buried	300	450.27
Buried	400	976.38
Buried	600	1567.55
Buried	900	1758.38
Buried	1000	1328.36
Buried	1200	2135.97
Buried	1400	2101.26
Buried	1500	2263.17
Buried	1800	2921.51
Buried	2100	3221.89
Buried	2400	3367.71
Buried	2700	3929.32
Buried	3000	4047.41
Buried	3300	3841.3
Buried	3600	5243.07
Buried	4200	7862.27
Buried	4800	6558.79
Buried	5400	7212
Buried	7200	10806.48
Indoor	1	0

PROPRIETARY

FDI Terminals (Material)

Plant Type	Type or Size	Material Cost
Underground	50	0
Underground	100	0
Underground	200	0
Underground	300	0
Underground	400	0
Underground	600	0
Underground	900	0
Underground	1000	0
Underground	1200	0
Underground	1400	0
Underground	1500	0
Underground	1800	0
Underground	2100	0
Underground	2400	0
Underground	2700	0
Underground	3000	0
Underground	3300	0
Underground	3600	0
Underground	4200	0
Underground	4800	0
Underground	5400	0
Underground	7200	0

PROPRIETARY

DTBT Material (Material)

Plant Type	Type or Size	Material Cost
Aerial	25	0
Aerial	50	0
Aerial	100	327.6
Aerial	200	646.33
Aerial	300	973.93
Aerial	400	1292.66
Aerial	600	1938.99
Aerial	900	2912.92
Buried	25	0
Buried	50	0
Buried	100	327.6
Buried	200	646.33
Buried	300	973.93
Buried	400	1292.66
Buried	600	1938.99
Buried	900	2912.92

PROPRIETARY

Drop (Material)

Plant Type	Type or Size	Material Cost
Aerial	2	0.0679
Aerial	6	0.1567
Buried	2	0.0691
Buried	5	0.1511

PROPRIETARY

Copper Cable 26 gauge (Material)

Plant Type	Type or Size	Material Cost
Aerial	25	0.31
Aerial	50	0.39
Aerial	100	0.61
Aerial	200	0.98
Aerial	300	1.38
Aerial	400	1.72
Aerial	600	2.53
Aerial	900	3.81
Aerial	1200	4.99
Aerial	1500	6.41
Aerial	1800	7.83
Aerial	2100	9.59
Aerial	2400	10.8
Aerial	2700	12.42
Aerial	3000	13.5
Aerial	3600	16.2
Aerial	4200	18.9
Buried	25	0.18
Buried	50	0.31
Buried	100	0.51
Buried	200	0.87
Buried	300	1.28
Buried	400	1.74
Buried	600	2.54
Buried	900	3.68
Buried	1200	4.77
Buried	1500	6.12
Buried	1800	7.28
Buried	2100	8.94
Buried	2400	10.21
Buried	2700	11.42
Buried	3000	12.69
Buried	3600	15.12
Buried	4200	17.64

PROPRIETARY

Copper Cable 26 gauge (Material)

Plant Type	Type or Size	Material Cost
Riser/Intrabuilding	25	0.31
Riser/Intrabuilding	50	0.39
Riser/Intrabuilding	100	0.61
Riser/Intrabuilding	200	0.98
Riser/Intrabuilding	300	1.38
Riser/Intrabuilding	400	1.72
Riser/Intrabuilding	600	3.64
Riser/Intrabuilding	900	3.81
Riser/Intrabuilding	1200	4.99
Riser/Intrabuilding	1500	6.41
Riser/Intrabuilding	1800	10.19
Riser/Intrabuilding	2100	9.59
Riser/Intrabuilding	2400	13.78
Riser/Intrabuilding	2700	15.94
Riser/Intrabuilding	3000	16.98
Riser/Intrabuilding	3600	20.38
Riser/Intrabuilding	4200	23.1
Underground	25	0.1
Underground	50	0.2
Underground	100	0.4
Underground	200	0.8
Underground	300	1.2
Underground	400	1.6
Underground	600	2.59
Underground	900	3.9
Underground	1200	4.54
Underground	1500	6
Underground	1800	7.09
Underground	2100	8.49
Underground	2400	8.97
Underground	2700	10.06
Underground	3000	11.34
Underground	3600	13.49
Underground	4200	18.74

PROPRIETARY

Copper Cable 24 gauge (Material)

Plant Type	Type or Size	Material Cost
Aerial	25	0.32
Aerial	50	0.57
Aerial	100	0.74
Aerial	200	1.25
Aerial	300	1.68
Aerial	400	2.26
Aerial	600	3.38
Aerial	900	4.84
Aerial	1200	6.58
Aerial	1500	8.6
Aerial	1800	10.66
Aerial	2100	11.97
Aerial	2400	13.68
Aerial	2700	15.39
Aerial	3000	17.1
Aerial	3600	20.52
Aerial	4200	23.94
Buried	25	0.23
Buried	50	0.38
Buried	100	0.67
Buried	200	1.24
Buried	300	1.91
Buried	400	2.37
Buried	600	3.42
Buried	900	5.04
Buried	1200	6.74
Buried	1500	8.44
Buried	1800	10.04
Buried	2100	11.76
Buried	2400	13.44
Buried	2700	15.12
Buried	3000	16.8
Buried	3600	20.16
Buried	4200	23.52

PROPRIETARY

Copper Cable 24 gauge (Material)

Plant Type	Type or Size	Material Cost
Riser/Intrabuilding	25	0.36
Riser/Intrabuilding	50	0.54
Riser/Intrabuilding	100	0.98
Riser/Intrabuilding	200	1.63
Riser/Intrabuilding	300	2.5
Riser/Intrabuilding	400	3.2
Riser/Intrabuilding	600	4.42
Riser/Intrabuilding	900	6.65
Riser/Intrabuilding	1200	8.57
Riser/Intrabuilding	1500	10.75
Riser/Intrabuilding	1800	13.14
Riser/Intrabuilding	2100	15.33
Riser/Intrabuilding	2400	17.52
Riser/Intrabuilding	2700	19.71
Riser/Intrabuilding	3000	21.9
Riser/Intrabuilding	3600	26.28
Riser/Intrabuilding	4200	30.66
Underground	25	0.13
Underground	50	0.27
Underground	100	0.53
Underground	200	1.06
Underground	300	1.59
Underground	400	2.12
Underground	600	3.33
Underground	900	4.82
Underground	1200	6.45
Underground	1500	8
Underground	1800	9.79
Underground	2100	11.16
Underground	2400	12.75
Underground	2700	14.31
Underground	3000	15.9
Underground	3600	19.08
Underground	4200	22.26

PROPRIETARY

CO Investment Adder (Material)

Cost Family	Cost Element	Cost Component	FRC	Sub FRC	Material Investment per Service	Applicable UNE's
CO	CO-Adder	2WLC-CO-Combined	357C	15	1.13	D.5.1
CO	CO-Adder	2WLC-CO-Common Plugs	357C	6	44.71	D.5.1
CO	CO-Adder	2WLC-CO-Def Plugs	357C	9	90.15	D.5.1
CO	CO-Adder	2WLC-CO-Hardwired	357C	3	61.41	D.5.1
CO	CO-Adder	2WLC-Prem- Def Plugs	357C	25	90.15	D.5.1
CO	CO-Adder	2WLC-Prem-Com Plugs	357C	22	46.78	D.5.1
CO	CO-Adder	2WLC-Prem-Hardwired	357C	19	64.14	D.5.1
CO	CO-Adder	4WLC-CO-Combined	357C	15	1.13	D.5.2
CO	CO-Adder	4WLC-CO-Common Plugs	357C	6	44.72	D.5.2
CO	CO-Adder	4WLC-CO-Def Plugs	357C	9	112.39	D.5.2
CO	CO-Adder	4WLC-CO-Hardwired	357C	3	61.41	D.5.2
CO	CO-Adder	4WLC-Prem-Com Plugs	357C	22	46.78	D.5.2
CO	CO-Adder	4WLC-Prem-Def Plugs	357C	25	112.39	D.5.2
CO	CO-Adder	4WLC-Prem-Hardwired	357C	19	64.14	D.5.2
CO	CO-Adder	A.12.5 DSX1	257C	0	6.03	A.12.5
CO	CO-Adder	CO Repeater	257C	0	189.28	NOT USED
CO	CO-Adder	CO Repeater Shelf	257C	0	115	NOT USED
CO	CO-Adder	DS1 Line Card - RT	257C	25	230	A.12.5
CO	CO-Adder	DS1LC-CO-Combined	357C	15	22.95	D.5.24
CO	CO-Adder	DS1LC-CO-Common Plug	357C	6	326.95	D.5.24
CO	CO-Adder	DS1LC-CO-Def Plugs	357C	9	145.9	D.5.24
CO	CO-Adder	DS1LC-CO-Hardwired	357C	3	29.3706	D.5.24
CO	CO-Adder	DS1LC-Prem-Com Plug	357C	22	368.84	D.5.24
CO	CO-Adder	DS1LC-Prem-Def Plugs	357C	25	145.9	D.5.24
CO	CO-Adder	DS1LC-Prem-Hardwired	357C	19	84.96	D.5.24
CO	CO-Adder	DS1Loop Feeder-HDSL	257C	46	41.21	A.9.2
CO	CO-Adder	DSX1	257C	0	3.97	A.9.1, A.9.2
CO	CO-Adder	MDF-2Wire Combo	377C	5	3.458	P.1.1, P.4.1
CO	CO-Adder	MDF-2Wire Melded	377C	5	6.6738	A.1.1, A.1.2, A.2.1, A.5.1, A.2.25, A.2.23
CO	CO-Adder	MDF-2Wire-Copper	377C	5	7.3442	A.6.1, A.7.1, A.13.1, A.13.7, A.2.30
CO	CO-Adder	MDF-4Wire Combo	377C	5	6.916	NOT USED
CO	CO-Adder	MDF-4Wire Melded	377C	5	13.3475	A.4.1, A.10.1, A.2.24, A.2.29
CO	CO-Adder	MDF-4Wire-Copper	377C	5	14.6883	A.8.1, A.14.1, A.14.7, A.2.32
CO	CO-Adder	MDF-DS1	377C	3	5	A.9.1, A.9.2
CO	CO-Adder	T-P-2Wire-Common	357C	6	0.66	A.1.2, A.2.1, A.5.1, A.6.1, A.7.1, A.13.1, A.13.7, A.2.23, A.2.25, A.2.30
CO	CO-Adder	T-P-2Wire-Hardwire	357C	3	11.78	A.1.2, A.2.1, A.5.1, A.6.1, A.7.1, A.13.1, A.13.7, A.2.23, A.2.25, A.2.30
CO	CO-Adder	T-P-2Wire-Plugin	357C	9	45.36	A.1.2, A.2.1, A.5.1, A.6.1, A.7.1, A.13.1, A.13.7, A.2.23, A.2.25, A.2.30
CO	CO-Adder	T-P-4Wire-Common	357C	6	1.32	A.4.1, A.8.1, A.14.1, A.14.7, A.2.24, A.2.29, A.10.1, A.2.32
CO	CO-Adder	T-P-4Wire-Hardwire	357C	3	23.56	A.4.1, A.8.1, A.14.1, A.14.7, A.2.24, A.2.29, A.10.1, A.2.32
CO	CO-Adder	T-P-4Wire-Plugin	357C	9	90.71	A.4.1, A.8.1, A.14.1, A.14.7, A.2.24, A.2.29, A.10.1, A.2.32

PROPRIETARY