

ORIGINAL

ATTACHMENT B

**BellSouth Telecommunications, Inc.
FPSC Docket No. 990649-TP
Request for Confidential Classification
Page 1 of 1
9/8/00**

**REQUEST FOR CONFIDENTIAL CLASSIFICATION OF DDC-2, D. DAONNE
CALDWELL'S REVISED DIRECT TESTIMONY, FILED AUGUST 18, 2000 IN
FLORIDA DOCKET NO. 990649-TP**

2 Redacted Copies of Material for Public Record

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DOCUMENT NUMBER-DATE

11182 SEP-8 00

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			4	0
DS3			3	0
STS1			3	0
OC1			3	0
OC3			1	0
OC12			1	0

OC3 - Line Cards (SONET Terminals-SONET Cards)

Item	Vend "A" Material Cost	Vend "B" Material Cost	Service Capacity	Total Placing Hours
DS1			4	0
DS3			1	0
STS1			1	0
OC1			1	0

OC12 - Line Cards (SONET Terminals-SONET Cards)

Item	Vend "A" Material Cost	Vend "B" Material Cost	Service Capacity	Total Placing Hours
DS1			4	0
DS3			3	0
STS1			3	0
OC1			3	0
OC3			1	0

OC1 - Line Cards (SONET Terminals-SONET Cards)

Item	Vend "A" Material Cost	Vend "B" Material Cost	Service Capacity	Total Placing Hours
DS1			4	0

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

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)			672	0
Optical shelf - Hardwire (High)			1344	0
Optical Common Equip (Low)			672	0
Optical Common Equip (High)			1344	0
Interface MUX Working Card (28 DS1 Capacity)			28	0
OC12 Interface MUX Working Card (84 DS1 Capacity)			0	0
OC48 Interface MUX Working Card (84 DS1 Capacity)			84	0
Interface MUX Equipment (28 DS1 Capacity)			28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)			0	0
OC48 Interface MUX Equipment (84 DS1 Capacity)			84	0
Interface MUX Equipment (336 DS1 Capacity)			336	0
Interface MUX Equipment (1344 DS1 Capacity)			1344	0
OC12 Interface MUX Commons			0	0
OC48 Interface MUX Commons			84	0
Interface MUX - Hardwire (28-56 DS1 Capacity)			56	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)			0	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)			84	0
Batt. Backup			0	0
Data communications Link			1344	0
Fiber Splicing Terminal			1344	0
DSX-1 Panel			56	0
DSX-3 Panel			672	0
LGX			1344	0

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)			84	0
Optical shelf - Hardwire (High)			0	0
Optical Common Equip (Low)			84	0
Optical Common Equip (High)			0	0
Interface MUX Working Card (28 DS1 Capacity)			0	0
OC12 Interface MUX Working Card (84 DS1 Capacity)			0	0
OC48 Interface MUX Working Card (84 DS1 Capacity)			0	0
Interface MUX Equipment (28 DS1 Capacity)			28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)			0	0
OC48 Interface MUX Equipment (84 DS1 Capacity)			0	0
Interface MUX Equipment (336 DS1 Capacity)			0	0
Interface MUX Equipment (1344 DS1 Capacity)			0	0
OC12 Interface MUX Commons			0	0
OC48 Interface MUX Commons			0	0
Interface MUX - Hardwire (28-56 DS1 Capacity)			0	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)			0	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)			0	0
Batt. Backup			0	0
Data communications Link			84	0
Fiber Splicing Terminal			1344	0
DSX-1 Panel			56	0
DSX-3 Panel			672	0
LGX			0	0

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)			336	0
Optical shelf - Hardwire (High)			0	0
Optical Common Equip (Low)			336	0
Optical Common Equip (High)			0	0
Interface MUX Working Card (28 DS1 Capacity)			0	0
OC12 Interface MUX Working Card (84 DS1 Capacity)			84	0
OC48 Interface MUX Working Card (84 DS1 Capacity)			0	0
Interface MUX Equipment (28 DS1 Capacity)			28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)			84	0
OC48 Interface MUX Equipment (84 DS1 Capacity)			0	0
Interface MUX Equipment (336 DS1 Capacity)			0	0
Interface MUX Equipment (1344 DS1 Capacity)			0	0
OC12 Interface MUX Commons			84	0
OC48 Interface MUX Commons			0	0
Interface MUX - Hardwire (28-56 DS1 Capacity)			0	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)			84	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)			0	0
Batt. Backup			0	0
Data communications Link			336	0
Fiber Splicing Terminal			1344	0
DSX-1 Panel			56	0
DSX-3 Panel			672	0
LGX			1344	0

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)			28	0
Optical shelf - Hardwire (High)			0	0
Optical Common Equip (Low)			28	0
Optical Common Equip (High)			0	0
Interface MUX Working Card (28 DS1 Capacity)			0	0
OC12 Interface MUX Working Card (84 DS1 Capacity)			0	0
OC48 Interface MUX Working Card (84 DS1 Capacity)			0	0
Interface MUX Equipment (28 DS1 Capacity)			28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)			0	0
OC48 Interface MUX Equipment (84 DS1 Capacity)			0	0
Interface MUX Equipment (336 DS1 Capacity)			0	0
Interface MUX Equipment (1344 DS1 Capacity)			0	0
OC12 Interface MUX Commons			0	0
OC48 Interface MUX Commons			0	0
Interface MUX - Hardwire (28-56 DS1 Capacity)			0	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)			0	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)			0	0
Batt. Backup			0	0
Data communications Link			84	0
Fiber Splicing Terminal			1344	0
DSX-1 Panel			56	0
DSX-3 Panel			0	0
LGX			0	0

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

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)			672	0
Optical shelf - Hardwire (High Capacity)			1344	0
Optical Common Equip (Low Capacity)			672	0
Optical Common Equip (High Capacity)			1344	0
Interface MUX Working Card (28 DS1 Capacity)			28	0
OC12 Interface MUX Working Card (84 DS1 Capacity)			0	0
OC48 Interface MUX Working Card (84 DS1 Capacity)			84	0
Interface MUX Equipment (28 DS1 Capacity)			28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)			0	0
OC48 Interface MUX Equipment (84 DS1 Capacity)			84	0
Interface MUX Equipment (336 DS1 Capacity)			336	0
Interface MUX Equipment (1344 DS1 Capacity)			1344	0
OC12 Interface MUX Commons			0	0
OC48 Interface MUX Commons			84	0
Interface MUX - Hardwire (28-56 DS1 Capacity)			56	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)			0	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)			84	0
Batt. Backup (Hard)			1344	0
Batt. Backup (Common)			1344	0
Fiber Splicing Terminal			1344	0
DSX-1 Panel			56	0
DSX-3 Panel			672	0
Ltie			1344	0

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)			84	0
Optical shelf - Hardwire (High Capacity)			0	0
Optical Common Equip (Low Capacity)			84	0
Optical Common Equip (High Capacity)			0	0
Interface MUX Working Card (28 DS1 Capacity)			0	0
OC12 Interface MUX Working Card (84 DS1 Capacity)			0	0
OC48 Interface MUX Working Card (84 DS1 Capacity)			0	0
Interface MUX Equipment (28 DS1 Capacity)			28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)			0	0
OC48 Interface MUX Equipment (84 DS1 Capacity)			0	0
Interface MUX Equipment (336 DS1 Capacity)			0	0
Interface MUX Equipment (1344 DS1 Capacity)			0	0
OC12 Interface MUX Commons			0	0
OC48 Interface MUX Commons			0	0
Interface MUX - Hardwire (28-56 DS1 Capacity)			0	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)			0	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)			0	0
Batt. Backup (Hard)			84	0
Batt. Backup (Common)			84	0
Fiber Splicing Terminal			1344	0
DSX-1 Panel			56	0
DSX-3 Panel			672	0
Ltie			0	0

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)			336	0
Optical shelf - Hardwire (High Capacity)			0	0
Optical Common Equip (Low Capacity)			336	0
Optical Common Equip (High Capacity)			0	0
Interface MUX Working Card (28 DS1 Capacity)			0	0
OC12 Interface MUX Working Card (84 DS1 Capacity)			84	0
OC48 Interface MUX Working Card (84 DS1 Capacity)			0	0
Interface MUX Equipment (28 DS1 Capacity)			28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)			84	0
OC48 Interface MUX Equipment (84 DS1 Capacity)			0	0
Interface MUX Equipment (336 DS1 Capacity)			0	0
Interface MUX Equipment (1344 DS1 Capacity)			0	0
OC12 Interface MUX Commons			84	0
OC48 Interface MUX Commons			0	0
Interface MUX - Hardwire (28-56 DS1 Capacity)			0	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)			84	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)			0	0
Batt. Backup (Hard)			336	0
Batt. Backup (Common)			336	0
Fiber Splicing Terminal			1344	0
DSX-1 Panel			56	0
DSX-3 Panel			672	0
Ltie			1344	0

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)			28	0
Optical shelf - Hardwire (High Capacity)			0	0
Optical Common Equip (Low Capacity)			28	0
Optical Common Equip (High Capacity)			0	0
Interface MUX Working Card (28 DS1 Capacity)			0	0
OC12 Interface MUX Working Card (84 DS1 Capacity)			0	0
OC48 Interface MUX Working Card (84 DS1 Capacity)			0	0
Interface MUX Equipment (28 DS1 Capacity)			28	0
OC12 Interface MUX Equipment (84 DS1 Capacity)			0	0
OC48 Interface MUX Equipment (84 DS1 Capacity)			0	0
Interface MUX Equipment (336 DS1 Capacity)			0	0
Interface MUX Equipment (1344 DS1 Capacity)			0	0
OC12 Interface MUX Commons			0	0
OC48 Interface MUX Commons			0	0
Interface MUX - Hardwire (28-56 DS1 Capacity)			0	0
OC12 Interface MUX - Hardwire (84 DS1 Capacity)			0	0
OC48 Interface MUX - Hardwire (84 DS1 Capacity)			0	0
Batt. Backup (Hard)			28	0
Batt. Backup (Common)			28	0
Fiber Splicing Terminal			1344	0
DSX-1 Panel			56	0
DSX-3 Panel			0	0
Ltie			0	0

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

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

Item	Material Cost	Service Capacity	Total Placing Hours
POTS		2	0
COIN		1	0
BRI-ISDN		1	0
CENTREX		2	0
SW-VGSS		2	0
NSW-VGSS		1	0
4-WIRE		1	0
DS1		4	0
HDSL		1	0
ADSL		1	0
PBX		2	0

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

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

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

Item	Material Cost	Service Capacity	Total Placing Hours
POTS		4	0
COIN		4	0
BRI-ISDN		4	0
CENTREX		4	0
SW-VGSS		4	0
NSW-VGSS		4	0
4-WIRE		2	0
DS1		1	0
HDSL		1	0
ADSL		1	0
PBX		4	0

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

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

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

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

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

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

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

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

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

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

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

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

ONU 24 - Channel (DLC/ONU-DLCRT)

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

ONU 24 - CE (DLC/ONU-DLCRT)

Item	Material Cost	DSO Capacity	Total Placing Hours
RT CE Optical Bank/Shelf		24	0
CE Bank/Shelf Common Equip. (Integrated)		24	0
CE Bank/Shelf Common Equip. (Universal)		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)		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

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

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

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

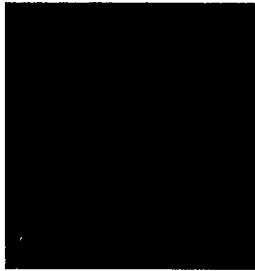
DLC/SONET FRC (DLC/ONU-Other)

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

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

COT Fiber Termination (DLC/ONU-Other)

Plant Type	Type or Size	Material Cost
Fiber Terminating Frame	6	
Fiber Terminating Frame	12	
Fiber Terminating Frame	24	
Fiber Terminating Frame	48	
Fiber Terminating Frame	72	
Fiber Terminating Frame	96	
Fiber Terminating Frame	144	
Fiber Terminating Frame	216	

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	10000000	*	*	1000	1000	*	*	0.33	0.33	0.34	1	*
0	10000000	Rural	Dist	1000	1000	*	*	0.25	0.75	0	2	*
0	10000000	Suburban	Dist	1000	1000	*	*	0.15	0.85	0	3	*
0	10000000	Urban	Dist	1000	1000	*	*	0.05	0.95	0	4	*
0	10000000	Rural	Fdr	1000	1000	*	*	0.25	0.75	0	5	*
0	10000000	Suburban	Fdr	1000	1000	*	*	0.15	0.5	0.35	6	*
0	10000000	Urban	Fdr	1000	1000	*	*	0	0.25	0.75	7	*
0	10000000	*	*	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	*	BCRTFLBTD50	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	*	BGPIFLMARS0	0.805222256	7.86E-02	0.116184197	14	*
0	100000000	*	*	1000	1000	*	BKVLFLJDS0	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	*	BNNFLMARS0	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	*	CNTMFLLEDS1	0.365208688	0.606297471	2.85E-02	25	*
0	100000000	*	*	1000	1000	*	COCFLMADS0	0.275183596	0.605686509	0.119129895	26	*
0	100000000	*	*	1000	1000	*	COCFLMEDS0	0.273240534	0.617521239	0.109238227	27	*
0	100000000	*	*	1000	1000	*	CSCYFLBARS0	0.124294437	0.867974586	7.73E-03	28	*
0	100000000	*	*	1000	1000	*	DBRYFLDLD50	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	*	DLBHFLKPD50	0.1493345	0.719583744	0.131081756	32	*
0	100000000	*	*	1000	1000	*	DLBHFLMADS0	0.240112275	0.473271062	0.286616663	33	*
0	100000000	*	*	1000	1000	*	DLSPFLMARS0	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	*	DRBHFLMADS0	0.157336854	0.623341585	0.21932156	36	*
0	100000000	*	*	1000	1000	*	DYBHFLFNRS0	0.142405994	0.65382591	0.203768096	37	*
0	100000000	*	*	1000	1000	*	DYBHFLMADS0	0.204262193	0.564490766	0.231227041	38	*
0	100000000	*	*	1000	1000	*	DYBHFLBDS0	0.120488908	0.7781659	0.101345192	39	*
0	100000000	*	*	1000	1000	*	DYBHFLBDS0	0.307441118	0.474863051	0.217695831	40	*
0	100000000	*	*	1000	1000	*	DYBHFLPODS0	8.89E-02	0.756176743	0.154914905	41	*
0	100000000	*	*	1000	1000	*	EGLFLBGDS0	0.166070032	0.698228864	0.135701104	42	*
0	100000000	*	*	1000	1000	*	EGLFLHDS0	0.212617714	0.584092242	0.203290044	43	*
0	100000000	*	*	1000	1000	*	EORNFLMARS0	0.357638173	0.623186162	1.92E-02	44	*
0	100000000	*	*	1000	1000	*	FLBHFLMARS0	8.48E-02	0.88864421	2.65E-02	45	*
0	100000000	*	*	1000	1000	*	FRBHFLPPDS0	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	*	FTLFLAPRS0	7.65E-02	0.328584664	0.594937958	48	*

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	*	FTLDFLCYD50	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	*	FTLDFLPLDS0	0.357551123	0.355810194	0.286638682	54	*
0	100000000	*	*	1000	1000	*	FTLDFLSGDS0	5.32E-02	0.515759118	0.431079686	55	*
0	100000000	*	*	1000	1000	*	FTLDFLSUDS0	7.93E-02	0.760699694	0.159994059	56	*
0	100000000	*	*	1000	1000	*	FTLDFLWNS0	4.92E-02	0.742362253	0.208434288	57	*
0	100000000	*	*	1000	1000	*	FTPRFLMADS0	0.306625225	0.547511481	0.145863294	58	*
0	100000000	*	*	1000	1000	*	GCSFPLCNS0	0.19871028	0.762418676	3.89E-02	59	*
0	100000000	*	*	1000	1000	*	GCVLFLMARS0	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	*	GLBRFLMADS0	0.157536747	0.703843083	0.13862017	62	*
0	100000000	*	*	1000	1000	*	GSQLFLMADS0	0.125370449	0.659176186	0.215453365	63	*
0	100000000	*	*	1000	1000	*	GSQLFLNW33E	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	71	*
0	100000000	*	*	1000	1000	*	HLWDFLWHD0	0.32379695	0.324889532	0.351313518	70	*
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	*	HMSTFLHADS0	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	0.872303033	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	0.202895054	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	0.240469904	0.355123421	0.404406676	84	*
0	100000000	*	*	1000	1000	*	JCVLFLCDS0	0.148254453	0.726908251	0.124837296	85	*
0	100000000	*	*	1000	1000	*	JCVLFLARS0	0.12171618	0.545550581	0.332733239	86	*
0	100000000	*	*	1000	1000	*	JCVLFLJTRS0	1.92E-02	0.318120088	0.662637535	87	*
0	100000000	*	*	1000	1000	*	JCVLFLJFDS0	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	*	JCVLFLRVDS0	0.324977841	0.405640874	0.269381285	91	*
0	100000000	*	*	1000	1000	*	JCVLFLSJ73E	0.106658743	0.585132954	0.308208302	92	*
0	100000000	*	*	1000	1000	*	JCVLFLSMDS0	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	*	KYHGFMLARS0	0.250092591	0.740442198	9.47E-03	96	*
0	100000000	*	*	1000	1000	*	KYLRFLRSRS0	0.672799965	0.189897924	0.137302111	97	*

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	100	*
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	*	MCNPFLLMARS0	0.17074892	0.816732419	1.25E-02	103	*
0	100000000	*	*	1000	1000	*	MDBGFLPMDS0	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	*	MIAMFLBRS1	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	*	MIAMFLHLDS0	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	0.292854429	120	*
0	100000000	*	*	1000	1000	*	MIAMFLOLDSD0	0.456253229	0.221823593	0.321923178	121	*
0	100000000	*	*	1000	1000	*	MIAMFLPBDSD0	0.458535479	0.191230191	0.35023433	122	*
0	100000000	*	*	1000	1000	*	MIAMFLPLDSD0	0.180773374	0.385470968	0.433755659	123	*
0	100000000	*	*	1000	1000	*	MIAMFLRRDSD0	0.406989013	0.306995672	0.286015315	124	*
0	100000000	*	*	1000	1000	*	MIAMFLSHDSD0	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	*	MICCFLLBRS0	0.150888504	0.79818539	0.050926106	129	*
0	100000000	*	*	1000	1000	*	MLBRFLMADS0	0.113645467	0.764695919	0.121658614	130	*
0	100000000	*	*	1000	1000	*	MLTNFLRADSD0	0.226589507	0.725419425	4.80E-02	131	*
0	100000000	*	*	1000	1000	*	MNDRFLAVDS0	2.42E-02	0.801234475	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	0.607181727	0.123575927	0.268232346	136	*
0	100000000	*	*	1000	1000	*	MXVFLMARS0	0.22672588	0.765232627	6.04E-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	*	NDADFLOLDSD0	0.217031293	0.250473379	0.532495327	141	*
0	100000000	*	*	1000	1000	*	NKLRFLMARS0	0.370053086	0.462803264	0.167143649	142	*
0	100000000	*	*	1000	1000	*	NSBHFLMADS0	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	*

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	*	ORLDLFLMADS1	0.114284283	0.5703983739	0.315331078	149	*
0	100000000	*	*	1000	1000	*	ORLDLFLPCDS0	6.72E-02	0.732867917	0.199971532	150	*
0	100000000	*	*	1000	1000	*	ORLDLFLPHDS0	6.24E-02	0.799115791	0.138449041	151	*
0	100000000	*	*	1000	1000	*	ORLDLFLSADS0	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	*	ORPKFLRWDS0	0.060677553	0.758762248	0.180560199	154	*
0	100000000	*	*	1000	1000	*	OVIDFLCADS0	9.00E-02	0.851712152	5.83E-02	155	*
0	100000000	*	*	1000	1000	*	PACFLPV99E	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	*	PMBHFLCSDS0	6.42E-02	0.792627506	0.14316147	161	*
0	100000000	*	*	1000	1000	*	PMBHFLFEDS0	0.348740113	0.316166327	0.33509556	162	*
0	100000000	*	*	1000	1000	*	PMBHFLMADS0	0.155337627	0.543470116	0.301192257	163	*
0	100000000	*	*	1000	1000	*	PMBHFLTADS0	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	*	PNSCFBLDS0	0.305332101	0.482140264	0.212527636	169	*
0	100000000	*	*	1000	1000	*	PNSCFLPDS0	0.192119815	0.631380281	0.176499904	170	*
0	100000000	*	*	1000	1000	*	PNSCFHCDSD0	0.316390257	0.602289465	8.13E-02	171	*
0	100000000	*	*	1000	1000	*	PNSCFPBDS0	0.148736464	0.843934238	7.33E-03	172	*
0	100000000	*	*	1000	1000	*	PNSCFWADS0	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	*	PRSNFLFDRS0	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	*	PTSLFLSOCG0	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	0.71682655	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	*	STAGFLWGRS0	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	*	TTVFLMADS0	0.239211829	0.642723423	0.118064747	190	*
0	100000000	*	*	1000	1000	*	VERNFLMARS0	0.144987866	0.849916313	0.00509582	191	*
0	100000000	*	*	1000	1000	*	VRBHFLBERS0	8.72E-02	0.753489075	0.159265364	192	*
0	100000000	*	*	1000	1000	*	VRBHFLMADS0	0.261911764	0.637596896	0.100491339	193	*
0	100000000	*	*	1000	1000	*	WELKFLMARS0	0.13361593	0.865240778	1.14E-03	194	*
0	100000000	*	*	1000	1000	*	WPBHFLANDS0	0.347012565	0.252097681	0.400889754	195	*
0	100000000	*	*	1000	1000	*	WPBHFLGADS0	0.222622199	0.615812847	0.161564954	196	*
0	100000000	*	*	1000	1000	*	WPBHFLGRDS0	0.206329583	0.649873941	0.143796476	197	*
0	100000000	*	*	1000	1000	*	WPBHFLHDS0	0.197201878	0.57269235	0.230105772	198	*
0	100000000	*	*	1000	1000	*	WPBHFLLEDSD0	0.27021639	0.405162567	0.324621042	199	*
0	100000000	*	*	1000	1000	*	WPBHFLRBDS0	0.313466558	0.410266562	0.27626688	200	*
0	100000000	*	*	1000	1000	*	WPBHFLRPDS0	0.510264145	0.452972405	3.68E-02	201	*
0	100000000	*	*	1000	1000	*	WWSPFLHDS0	9.92E-02	0.874287361	2.66E-02	202	*
0	100000000	*	*	1000	1000	*	WWSPFLSHDS0	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	*

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

GIS Rules (Engineering Rules)

Rule	Value	UOM
AALineDesignLimit	1800	Lines
AALineMinimumLimit	10	Lines
CopperLengthDesignLimit	12000	Feet
CopperLengthHardLimit	13000	Feet
DLCLengthDesignLimit	12000	Feet
DLCLengthHardLimit	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

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

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	

DLC Technology (Engineering Rules)

Integrated/Universal	Lower Limit on DSO's	Upper Limit on DSO's	Density Lower Range	Density Upper Range	Order Of Processing	NOT USED
Universal	0	0	0	100000000	1	
ONU	0	24	0	100000000	2	
Integrated008	24	150	0	100000000	3	
Integrated303	150	100000	0	100000000	4	

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**

Building Cable Rules (Engineering Rules)

Rule	Value
AvgLengthEntranceCable	10
AvgLengthFloortoFloor	25
AvgLinesPerFloor	25
PctTelcoCabledBuildings	0.75

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

Service Local Channel (Lookup Tables)

Service Code

ha
ia
jb
ob
pb
rb

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

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

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	

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

NID/NIU (Material)		Material Cost
Plant Type	Type or Size	
HDSL Modem	1	
NID	2	
NID	6	
NIDIntandProt	1	
NIU	1	

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

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

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

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	1758.36
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

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

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

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

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

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

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

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

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