

▶ ORDERING OPTIONS

▶ Cable Type Family

S	Simplex Cord
D	Duplex Cord
MT	Tight Buffer Distribution
BT	Tight Buffer Breakout
CL	Central Loose Tube
ML	Multi Loose Tube
ADSS	All Dielectric Self Supporting
OPGW	Overhead Power Ground Wire

▶ Simplex/Duplex Cord

Simplex: CCL-FC-SA-B-C-D

Duplex: CCL-FC-DA-B-C-D-E

A: Cord Diameter

20=2.0mm; 25=2.5mm; 28=2.8mm; 30=3.0mm

B: Fiber Type

0=Fiber and copper conductors in cable

4=50/125 multi-mode fiber (OM3) per ITU-T G.651

5=50/125 multi-mode fiber (OM2) per ITU-T G.651

6=62.5/125 multi-mode fiber (OM1) per ITU-T G.651

7=NZDS SM fiber per ITU-T G.656.

8=NZDS SM fiber per ITU-T G.655.

9=Standard SM fiber per ITU-T G.652.D

C: Tight Buffer Type:

VT=Standard tight buffer (Default), YT=Tactical grade,

CG=Semi-tight buffer, jelly filled, CD-D=Semi-tight buffer, dry

D: Jacket Type

2Y=PVC, H=LSZH, ONR-OFNR PVC; ONP-OFNP FEP; Yu-FRPVC

E: Cable Shape

FT= Flat Cord; RD= Round Cord; ZIP= Zip Cord





ORDERING OPTIONS

► Tight Buffered Cable

Distribution: CCL-FC-MTA-B-C-D-E-F-G-H-I-J-K-L

Breakout: CCL-FC-BTA-B-C-D-E-F-G-H-I-J-K-L

- A: Distribution: Sub Unit Diameter
 - A=0.9mm (up to 12 fibers)
 - B=3.6mm (12-36 fibers)
 - C=4.2mm (24-72 fibers)
- Breakout Mini Cable Jacket Diameter
 - A- 1.8mm; B-2.0mm ; C-2.5mm; D-2.8mm; E-3.0mm
- B: Fiber Type
 - 0=Fiber and copper conductors in cable
 - 4=50/125 multi-mode fiber(OM3)
 - 5=50/125 multi-mode fiber(OM2)
 - 6=50/125 multi-mode fiber(OM1)
 - 7=NZDS SM fiber per G.656.
 - 8=NZDS SM fiber per G.655.
 - 9=Standard SM fiber per G.652.D
- C: No. of fibers:
 - 4 to 72
- D: Sub-unit Jacket Options
 - 0=No sub-unit (for up to 12 fibers), Y=PVC, H=LSZH
- E: Central member Options
 - Blank=No central member; A=Aramid yarn, F=Fiber Reinforced Plastic (FRP)
- F: Inner Jacket Options
 - 2Y=PE, Y=PVC, H=LSZH; ONR-OFNR PVC; ONP-OFNP FEP; Yu-FRPVC
- G: Armour options
 - Blank=No armour, T=Corrugated steel tape armour, W=Steel wire armour
 - B=Bronze armour, D=Fiber glass armour; TW= Steel tape + Steel wire armour
- H: Outer Jacket Options
 - Y=PVC, H=LSZH; ONR-OFNR PVC; ONP-OFNP FEP; Yu-FRPVC
- I: Water-Blocking Options for cable core
 - X=No water-blocking; J= Water blocking gel in tubes;
 - JD=Water-blocking gel in tubes + dry water blocking in cable core interstices;
 - JJ= Water-blocking gel in tubes and cable core interstices.
- J: Water-Blocking Options for cables with more than one jacket
 - X=No water-blocking, J= Water blocking gel between jackets;
 - D=Dry water-blocking between cable jackets;
- K: Tight Buffer Type
 - VT=Standard tight buffer, YT=Tactical grade, CG=Semi-tight buffer, gel-jelly,
 - CD=Semi-tight buffer, dry
- L: Strength Member Options
 - A=Aramid yarn, AG=Aramid yarn and fiberglass yarn, G=Fiberglass yarn

▶ Central Loose Tube Cable

CCL-FC-CLA-B-C-D-E-F-G-H-I-J

A: Loose tube diameter

A=2.1mm, B=2.5mm

B: Fiber type

0=Fiber and copper conductors in cable

4=50/125 multi-mode fiber (OM3) per ITU-T G.651

5=50/125 multi-mode fiber (OM2) per ITU-T G.651

6=62.5/125 multi-mode fiber (OM1) per ITU-T G.651

7=NZDS SM fiber per ITU-T G.656.

8=NZDS SM fiber per ITU-T G.655.

9=Standard SM fiber per ITU-T G.652.D

Ended with R=Ribbon type fiber (Ex: 9R= SM fiber per G.652.D ribbon type)

C: No. of fibers:

1 to 24

D: Inner jacket options

2Y=PE, Y=PVC, H=LSZH

E: Armour options

Blank=No armour, T=Corrugated steel tape armour, W=Steel wire armour

B=Bronze armour, D=Fiber glass armour; TW= Steel tape + Steel wire armour

F: Jacket material options

2Y=PE, Y=PVC, H=LSZH, 11Y=PU, A=Aluminium moisture barrier,

T=Anti-termite protection

G: Water-blocking options for cable core

X=No water-blocking; J= Water blocking gel in tubes;

JD=Water-blocking gel in tubes + dry water blocking in cable core interstices;

JJ= Water-blocking gel in tubes and cable core interstices.

H: Water-blocking options for cables with more than one jacket

X=No water-blocking, J= Water blocking gel between jackets;

D=Dry water-blocking between cable jackets;

I: Strength member options

A=Aramid yarn, AG=Aramid yarn and fiberglass yarn, G=Fiberglass yarn

J: General options

SS=Fig-8 self-supporting

UW=Under Water



ORDERING OPTIONS

► Multi Loose Tube Cable

CCL-FC-MLA-B-C×D-E-F-G-H×I-J-K-L

A: Loose tube diameter

B=2.1mm, C=2.5mm, D=2.8mm, E=3.0mm, F=3.2mm

B: Fiber type

0=Fiber and copper conductors in cable

4=50/125 multi-mode fiber (OM3) per ITU-T G.651

5=50/125 multi-mode fiber (OM2) per ITU-T G.651

6=62.5/125 multi-mode fiber (OM1) per ITU-T G.651

7=NZDS SM fiber per ITU-T G.656.

8=NZDS SM fiber per ITU-T G.655.

9=Standard SM fiber per ITU-T G.652.D

Ended with R=Ribbon type fiber (Ex: 9R= SM fiber per G.652.D ribbon type)

C: No. of tubes:

1 to 36

D: No. of fibers per tubes:

2 to 12

E: Central member

S=Solid steel, SR=Stranded steel, F=Fiber Reinforced Plastic (FRP)

F: Inner jacket options

2Y=PE, Y=PVC, H=LSZH

G: Armour options

Blank=No armour, T=Corrugated steel tape armour, W=Steel wire armour

B=Bronze armour, D=Fiber glass armour; TW= Steel tape + Steel wire armour

H: Jacket material options

2Y=PE, Y=PVC, H=LSZH,

11Y=PU, A=Aluminium moisture barrier, T=Anti-termite protection

I: Water-blocking options for cable core

X=No water-blocking; J= Water blocking gel in tubes;

JD=Water-blocking gel in tubes + dry water blocking in cable core interstices;

JJ= Water-blocking gel in tubes and cable core interstices.

J: Water-blocking options for cables with more than one jacket

X=No water-blocking, J= Water blocking gel between jackets;

D=Dry water-blocking between cable jackets;

K: Strength member options

A=Aramid yarn, AG=Aramid yarn and fiberglass yarn, G=Fiberlass yarn

L: General options

SS=Fig-8 self-supporting

UW=Under Water

▶ ADSS Multi Loose Tube Cable

CCL-FC-MLA-B-C-D-E-F-G-H-I-J-K-L-M- ADSS

A: Loose tube diameter

B=2.1mm, C=2.5mm, D=2.8mm,
E=3.0mm, F=3.2mm

B: Fiber type

0=Fiber and copper conductors in cable
4=50/125 multi-mode fiber(OM3)
5=50/125 multi-mode fiber(OM2)
6=50/125 multi-mode fiber(OM1)
7=NZDS SM fiber per G.656.
8=NZDS SM fiber per G.655.
9=Standard SM fiber per G.652.D
Ended with R=Ribbon type fiber (Ex: 9R= SM fiber per G.652.D ribbon type)

C: No. of tubes:

01 to 36

D: No. of fibers per tubes:

02 to 12

E: Central member

S=Solid steel, SR=Stranded steel, F=Dielectric(FRP)

F: Inner jacket options

2Y=PE, Y=PVC, H=LSZH

G: Armour options

T=Corrugated steel tape armour, B=Bronze, W=Steel wire Armour, WB= Steel Wire

Braid

H: Jacket material options

2Y=PE, AT= Anti-tracking

I: Water-blocking options for cable core

X=No water-blocking; J= Water blocking gel in tubes;
JD=Water-blocking gel in tubes + dry water blocking in cable core interstices;
JJ= Water-blocking gel in tubes and cable core interstices.

J: Water-blocking options for cables with more than one jacket

X=No water-blocking, J= Water blocking gel between jackets;

K: Strength member options

A=Aramid yarn, AG=Aramid yarn and glass yarn, G=Glass yarn

L: Span Length

M: Voltage Rating



ORDERING OPTIONS

▶ OPGW Type Cable

CCL-FC-A-B-C-D-E-OPGW

A: Fiber type

0=Fiber and copper conductors in cable

4=50/125 multi-mode fiber(OM3)

5=50/125 multi-mode fiber(OM2)

6=50/125 multi-mode fiber(OM1)

7=NZDS SM fiber per G.656.

8=NZDS SM fiber per G.655.

9=Standard SM fiber per G.652.D

B: No. of steel tubes:

01 to 3

C: No. of fibers per tubes:

02 to 12

D: Cross Sectional Area

35=35mm²; 50=50mm²; 70=70mm²; 90=90 mm²; 130=130mm²

E: Rated Voltage

66=66KV; 115=115kV; 150=150kV;

250=250kV; 275=275kV; 380=380kV; 500=500kV

