Premise Distribution Cables

Indoor   Metro

Applications

- Communication racks and wiring closets, walls, ceilings, floor ducts, etc
- In the final connection to terminal devices such as workstation and computer terminals for high speed voice, video, data, and FTTx applications
- Short run office & computer room cabling
- Patch cords, Pigtails & Jumpers

Simplex Cables

Construction : A single optical fibre is tight buffered and surrounded by aramid yarn strength member and riser, plenum or LSZH grage jacketing to 2 mm diameter.

Duplex Cables

Construction : Two Simplex cables are joined as a figure-8 design.

Flat Duplex/Flat Twin Cables

Construction : Duplex Zip cable is jacketed with riser, plenum or LSZH grade jacketing.

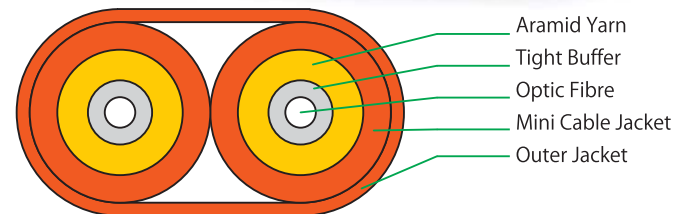### Drum Length

1000/ 2000 meters ± 5%
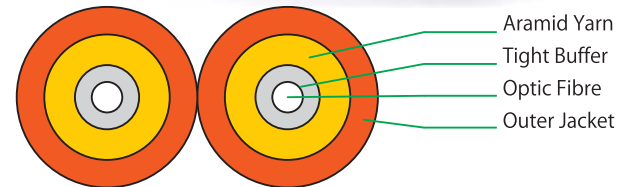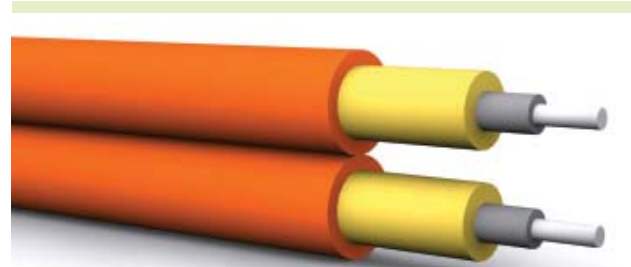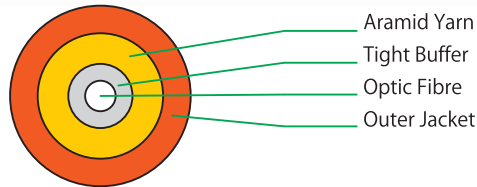
Cable Sheath Marking

Cable sheath shall be marked in white colour with hot foil indentation method. Marking details can be customized.

Cable Drum Packing

Every length will be delivered on non-returnable wooden drums. Generally the cable drum flange will be marked with following: These details can also be customised.

- Arrow showing rolling direction of the drum.
- Country of Origin & Manufacturer's name/ Customised
- Number of fibers and Nominal cable length in meters
- Drum Number, Net and gross weight on each drum.
- Caution - Optical Fibre Cable Not to be Laid Flat
- Customer's name and destination

Both ends of the cable shall be sealed to prevent the ingress of moisture during transportation and storage, physical damage.

Aramid Yarn
Tight Buffer
Optic Fibre
Outer Jacket

Aramid Yarn
Tight Buffer
Optic Fibre
Outer Jacket

Aramid Yarn
Tight Buffer
Optic Fibre
Mini Cable Jacket
Outer Jacket

	Tensile Load		Weight	Min Bending Radius		Crush	Operating	Storage
	Install (N)	Operation (N)	Kg/km	Install mm	No Load mm	Resistance	Temp. N/cm	Temp.
Simplex	500	250	4	30	20	750	-20^{0}C to	-40^{0}C to
Duplex	1000	500	8	30	20	750	+70^{0}C	+70^{0}C

Variants*
*Cable can be supplied with singlemode (ITU-T G652, G655, G656, G657) & Multimode (50µ, 62.5µ & OM3) or combination of these
*Outer jacket can be of PVC, Nylon, LSZH, HDPE
*These are general characteristics, customized designs are available as per requirements