

Distribution Cable (Indoor/Outdoor Cable)

Apollo Technology Fibre Optic distribution cable (Indoor/Outdoor Cable) uses top quality materials to guarantee excellent results across a wide array of deployments.

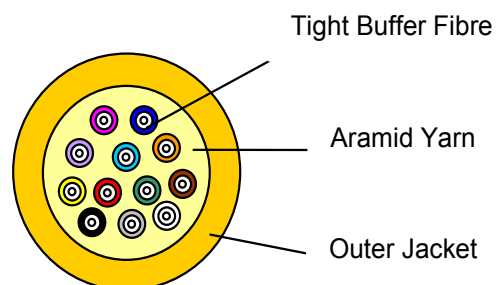
there are a number of number of different uses for these cables including: indoor, inside building buildings and FTTD.

- It can supply bandwidth, transmission speech, data, TV and video
- Characteristic: small diameter, lightweight and flexible so it is easy to install, maintain and manage

(Characteristic)

*Excellent stripping performance of tight buffer Fibre

*Small cable diameter and bending radius allow it to be easily installed in small places



(Geometrical Characteristics)

Distribution Cable Type	2	4	6	8	12	24	48
Distribution Cable Diameter(mm)	5.00	5.10	5.30	6.00	6.60	8.50	10.50
Distribution Cable Weight(kg/km)	20	20	22	25	28	50	
TBF Diameter(μm)	900 \pm 50						

(Mechanical Characteristics)

Max Load(N)	Long Term	130	130	130	130	130	200
	Short Term	440	440	440	440	440	660
Bending Radius(CM)	Dynamic	20×D (D: Cable Diameter)					
	Static	10×D (D: Cable Diameter)					

(Fibre)

Fibre Type(core/cladding dimension)	8.3/125, 50/125, 62.5/125
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(Transmission Characteristics)

	SMF	50/125	62.5/125
	1310/1550(nm)	850/1300(nm)	850/1300(nm)
(dB/km) Max Attenuation(dB/km)	0.45/0.30	3.5/1.5	3.5/1.5
(dB/km) AVG. Attenuation(dB/km)	0.40/0.25	3.0/1.0	3.0/1.0
(MHz•km) Min Bandwidth(MHz•km)	---	400/400	160/500

(Environmental Characteristics)

(Storage Operating Temperature)	-20°C ~ +60°C
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Ordering information:

Singlemode:

- SM4- 4 Core Singlemode Indoor/Outdoor Cable
- SM6- 6 Core Singlemode Indoor/Outdoor Cable
- SM8- 8 Core Singlemode Indoor/Outdoor Cable
- SM12- 12Core Singlemode Indoor/Outdoor Cable
- SM24- 24 Core Singlemode Indoor/Outdoor Cable

OM3 50 Micron:

- OM36- 6 Core 50 micron OM3 Indoor/Outdoor Cable
- OM312- 12 Core 50 micron OM3 Indoor/Outdoor Cable
- OM324- 24 Core 50 micron OM3 Indoor/Outdoor Cable

OM4 50 Micron:

- OM46: 6 Core 50 micron OM4 Indoor/Outdoor Cable
- OM412: 12 Core 50 micron OM4 Indoor/Outdoor Cable
- OM424: 24 Core 50 micron OM3 Indoor/Outdoor Cable