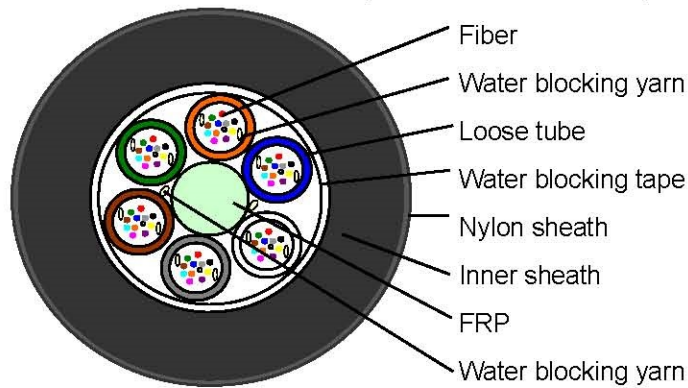


CABLE CONSTRUCTIONS

DUCT/AERIAL (DCFY04-2~72Xn)



Dimensions of Cable Constructions

Items		Descriptions					
Optical fiber		OPTICAL FIBRE ITU-T G652D					
		Max. 12 fiber per tube					
Fiber count		2~12	14~24	26~36	38~48	50~60	62~72
Central strength memb	material	FRP					
	diameter	2.8mm					
loose tube	material	PBT					
	diameter	nom:2.4mm					
	numbers	1	2	3	4	5	6
Filler	material	PP					
	numbers	5	4	3	2	1	0
Water blocking	material	Water blocking yarn and water blocking tape					
Cable sheath	material	HDPE					
	thickness	average 1.8 mm					
Nylon sheath	thickness	average 0.5 mm					

CABLE DESCRIPTION

Tensile Strength (IEC60794-1)	Long Term	600 N
	Short Term	1500 N
Crush Resistance (IEC60794-1)	Long Term	300 N/100mm
	Short Term	1000 N/100mm

Operating Temperature	-40°C to +70°C
Storage Temperature	-40°C to +70°C
Bending Radius	Static 10×Dia.
	Dynamic 20×Dia.

Cable diameter	Appro. 12.7 mm
Cable weight	Appro. 126 kg/km

Attenuation	G652	≤ 0.36 dB/km @1310nm	≤ 0.22 dB/km @1550nm
	G655	≤ 0.40 dB/km @1310nm	≤ 0.23 dB/km @1550nm
	50/125	≤ 3.3 dB/km @ 850nm	≤ 1.2 dB/km @1300nm
	62.5/125	≤ 3.5 dB/km @ 850nm	≤ 1.2 dB/km @1300nm

Bandwidth	50/125	≥ 500 MHz·km @850nm	≥ 500 MHz·km @1300nm
	62.5/125	≥ 200 MHz·km @850nm	≥ 500 MHz·km @1300nm

Color arrangement

Loose tube	NO.	1	2	3	4	5	6
	Color	Blue	Orange	Green	Brown	Grey	White

Fiber in tube	NO.	1	2	3	4	5	6
	Color	Blue	Orange	Green	Brown	Grey	White
	NO.	7	8	9	10	11	12
	Color	Red	Black	Yellow	Violet	Pink	Aqua

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