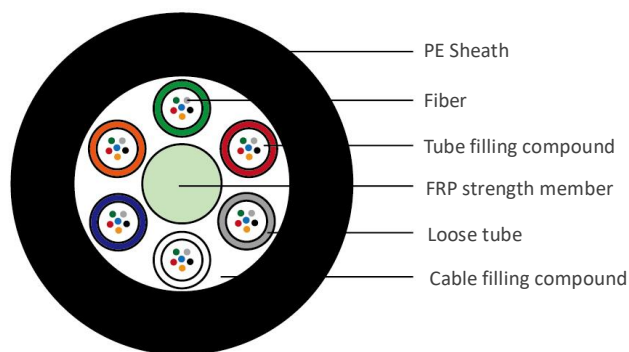


DESCRIPTION

The fibers, 250um, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water resistant filling compound A Fiber reinforced.

Plastic (FRP) locates in the center of core as a non-metallic strength member. The tubes (and fillers) are stranded around the strength member the tubes (and fillers) are stranded around the strength member into a compact and circular core. After the cable core is filled with filling compound to protect it from water in gross, the cable is completed with a PE sheath.



FEATURES & BENEFITS

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Crush resistance and flexibility
- The following measures are taken to ensure the cable watertight
- Single fiber reinforced plastic as the central strength member
- Loose tube filling compound
- 100% cable core filling.

APPLICATION

Applications	Duct,Aerial
---------------------	-------------

TECHNICAL PARAMETERS

Cable Type	Fiber Count	tubes	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100mm	Bending Radius Static/Dynamic mm
2--36Xn	36	6	88	600/1500	300/1000	10D/20D
38--72Xn	72	6	113			
74--96Xn	96	8	154			
98--120Xn	120	10	185			

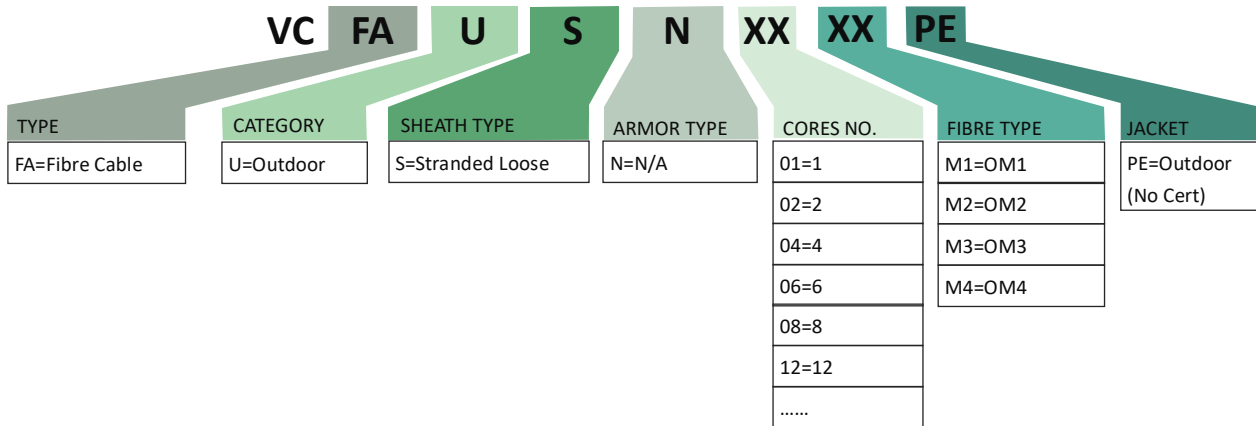
OPTICAL CHARACTERISTICS

		50/125µm	62.5/125µm
Attenuation(+20°C)	@850nm	≤0.30 dB/km	≤0.30 dB/km
	@1300nm	≤0.10 dB/km	≤0.10 dB/km
Bandwidth (Class A)	@850nm	≥500MHz.km	≥200MHz.km
	@1300nm	≥1000MHz.km	≥600MHz.km

Transport/storage/Operating Temperature:-40°C~+70°C



NAME CODING



ORDERING INFORMATION AND COMPLIANCE

Part No.	Description	Compliance
VCFAUSNXXM1PE	Stranded Loose Tube X Fibre Cable, Multimode, Black, 62.5/125 OM1	ISO/IEC 11801:2008
VCFAUSNXXM2PE	Stranded Loose Tube X Fibre Cable, Multimode, Black, 50/125 OM2	ANSI/EIA-568-C.3
VCFAUSNXXM3PE	Stranded Loose Tube X Fibre Cable, Multimode, Black, 50/125 OM3	TIA-598-C
VCFAUSNXXM4PE	Stranded Loose Tube X Fibre Cable, Multimode, Black, 50/125 OM4	EN50173:2002
		TIA/EIA-526-7

Note: xx denotes core number