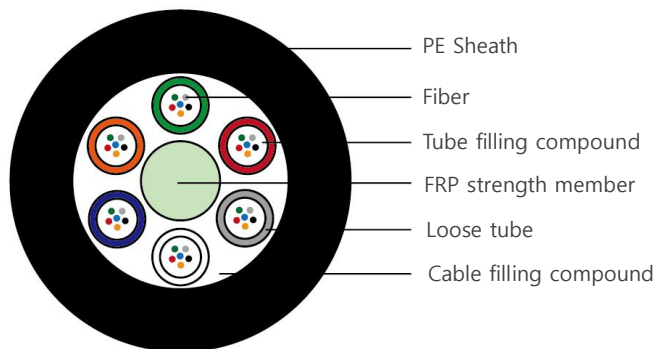


DESCRIPTION

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 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;

APPLICATIONS

Applications	Duct, Aerial
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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/Dynamicmm
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			

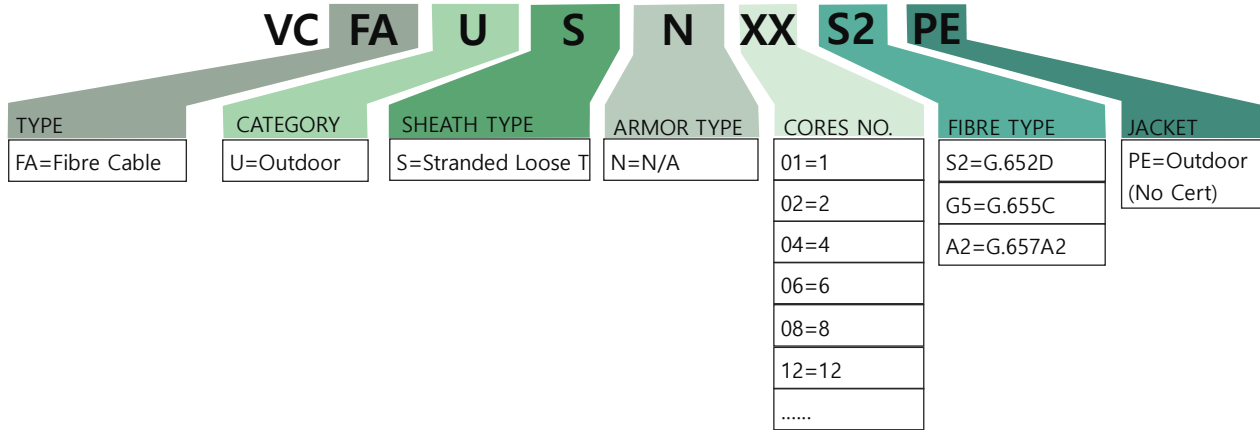
OPTICAL CHARACTERISTICS

		G.652D	G.655C	G.657A2
Attenuation(+20°C)	@1310nm	≤0.36 dB/km	≤0.40 dB/km	≤0.36
	@1550nm	≤0.22 dB/km	≤0.23 dB/km	≤0.22
Cable Cut-off Wavelength (λCC)		≤1260nm	≤1450nm	≤1260

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



NAME CODING



ORDERING INFORMATION AND COMPLIANCE

Part No.	Description	Compliance
VCFAUSNXXS2PE	VIVANCO Stranded Loose Tube X Fibre Cable, SM-G652D Black	ISO/IEC 11801:2008 ANSI/EIA-568-C.3
VCFAUSNXXG5PE	VIVANCO Stranded Loose Tube X Fibre Cable, SM-G655C, Black	TIA-598-C EN50173:2002
VCFAUSNXXA2PE	VIVANCO Stranded Loose Tube X Fibre Cable, SM-G657A2, Black	TIA/EIA-526-7 ITU G.652.D

Note: xx denotes core number