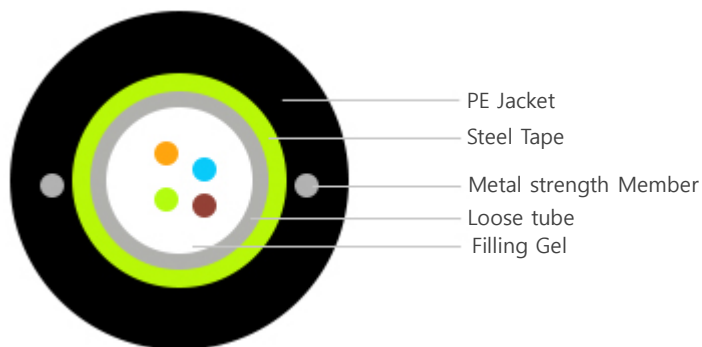




**DESCRIPTION**

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. The tubes wrapped with a layer of PSP longitudinally. Between the PSP and the loose tube water-blocking material is applied to keep the cable compact and watertight. Two parallel steel wires are placed at the two sides of the steel tape. The cable is completed with a polyethylene (PE) sheath.



**FEATURES & BENEFITS**

- Good mechanical and temperature performance;
- High strength loose tube that is hydrolysis resistant;
- Special filling ensure a critical protection of fiber;
- Crush resistance and flexibility
- PSP enhancing moisture-proof
- Two parallel steel wires ensure tensile strength;
- Small diameter, light weight and friendly installation;

**APPLICATIONS**

Applications	Duct /Aerial
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**TECHNICAL PARAMETERS**

Cable Type	Fiber Count	Cable Weight kg/km	Tensile Strength Long /Short Term N	Crush Resistance N/100mm	Bending Radius Static/Dynamic mm
2~12Xn-0	2~12	100	Short-term 1500N, long-term 600N or 1KM cable weight to take the maximum	300/1000	10D/20D
2~12Xn	2~12	124		1000/3000	10D/20D
14~24Xn	14~24	147		1000/3000	10D/20D
26~36Xn	26~36	150		1000/3000	10D/20D
38~48Xn	38~48	207		1000/3000	10D/20D

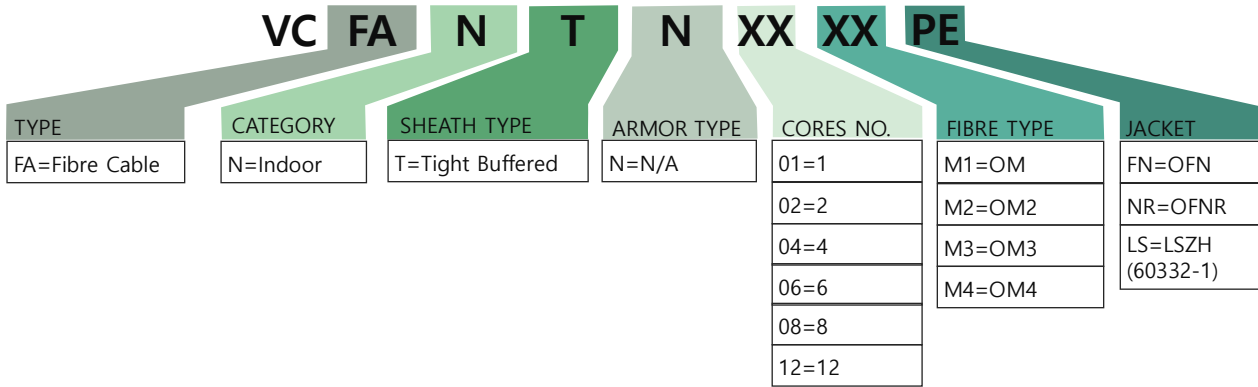
**OPTICAL CHARACTERISTICS**

		50/125um	62.5/125u
Attenuation(+20°C)	@850nm	≤3.0 dB/km	≤3.0 dB/km
	@1300nm	≤1.0 dB/km	≤1.0 dB/km
Bandwidth(Class A)	@850nm	≥500Mhz.km	≥200Mhz.km
	@1300nm	≥1000Mhz.km	≥600Mhz.km
Numerical Aperture		0.200±0.015 NA	0.275±0.015 NA

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



NAME CODING



ORDERING INFORMATION AND COMPLIANCE

Part No.	Description	Compliance
VCFAUUSXXM1PE	Light Armored X Optical Fibre Cable, Black, 62.5/125 OM1	ISO/IEC 11801:2008
VCFAUUSXXM2PE	Light Armored X Optical Fibre Cable, Black, 50/125 OM2	ANSI/EIA-568-C.3
VCFAUUSXXM3PE	Light Armored X Optical Fibre Cable, Black, 50/125 OM3	TIA-598-C
VCFAUUSXXM4PE	Light Armored X Optical Fibre Cable, Black, 50/125 OM4	EN50173:2002
		TIA/EIA-526-7

Note: xx denotes core number