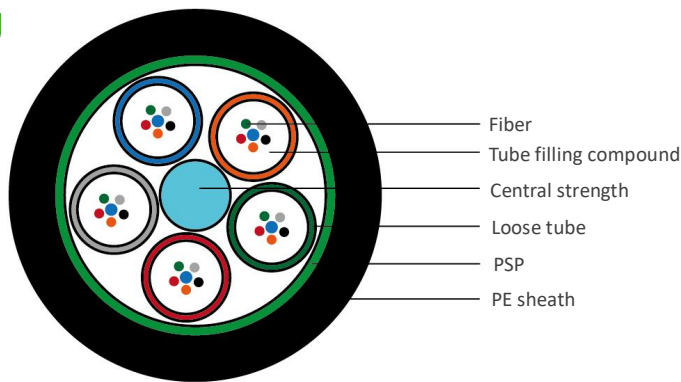


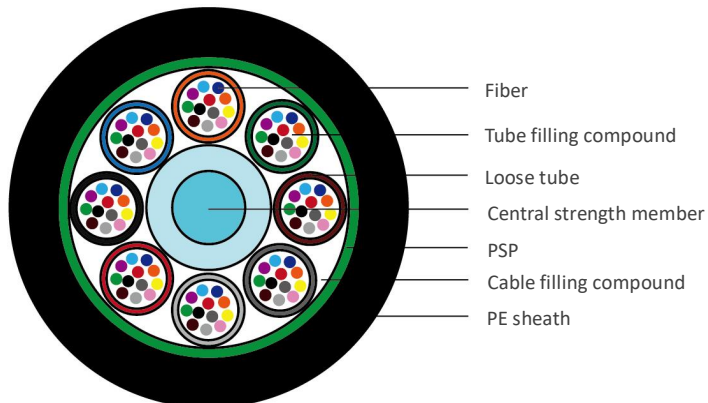
**DESCRIPTION**

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 steel wire sometimes sheathed with polyethylene (PE) for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes (and fillers) are stranded around the strength member into a compact and circular cable core. The PSP is longitudinally applied over the cable core, which is filled with the filling compound to protect it from water ingress. The cable is completed with a PE sheath.



**FEATURES&BENEFITS**

- Good mechanical and temperance performance
- High strength loose viba that is hydrolysis resistant
- Special filling ensure a critical protection of fiber
- Specially designed compact structure is good at preventing loose tubes from shrinking
- Crush resistance and flexibility
- PE sheath protects cable from ultraviolet radiation
- The Following measures are taken to ensure the cable watertight
- Steel mire used as the central strength member
- Loose tube filling compound
- 100% cable core filling
- PSP enhancing moisture-proof



**APPLICATIONS**

<b>Applications</b>	Duct / Aerial / Direct buried
---------------------	-------------------------------

**TECHNICAL PARAMETERS**

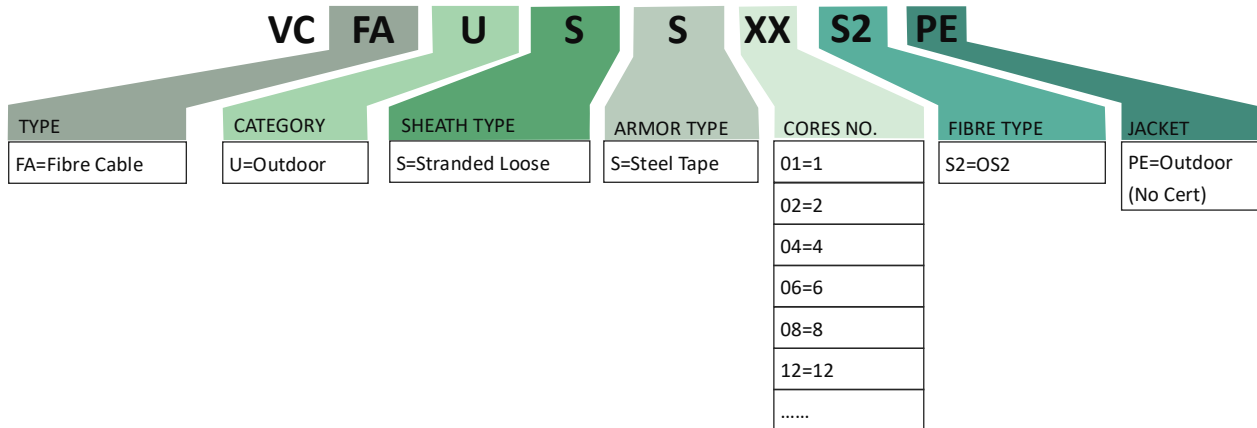
Cable Type	Fiber Count	Tube s	Fillers	Cable Diameter (mm)	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance N/100mm	Bending Radius Static/Dynamic mm
2~6 Xn	2~6	1	4	9.5	100	1000/1500	300/1000	10D/20D
8~12 Xn	8~12	2	3	9.5	100	1000/1500	300/1000	10D/20D
14~18 Xn	14~18	3	2	9.5	100	1000/1500	300/1000	10D/20D
20~24 Xn	20~24	4	1	9.5	100	1000/1500	300/1000	10D/20D
26~30 Xn	26~30	5	0	9.5	100	1000/1500	300/1000	10D/20D
32~36 Xn	32~36	6	0	10.0	119	1190/3000	300/1000	10D/20D
38~48 Xn	38~48	4	1	11.0	136	1360/3000	300/1000	10D/20D
50~60 Xn	50~60	5	0	11.0	136	1360/3000	300/1000	10D/20D
62~72 Xn	62~72	6	0	12.0	155	1550/3000	300/1000	10D/20D
74~84 Xn	74~84	7	1	13.6	192	1920/3000	300/1000	10D/20D
86~96 Xn	86~96	8	0	13.6	192	1920/3000	300/1000	10D/20D
98~108 Xn	98~108	9	1	15.0	227	2270/3000	300/1000	10D/20D
110~120 Xn	110~120	10	0	15.0	227	2270/3000	300/1000	10D/20D
122~132 Xn	122~132	11	1	16.9	277	2770/3000	300/1000	10D/20D
134~144 Xn	134~144	12	0	16.9	277	2770/3000	300/1000	10D/20D



OPTICAL CHARACTERISTICS

		G.652	G.655
Attenuation(+20°C)	@1310nm	≤0.36 dB/km	≤0.40 dB/km
	@1550nm	≤0.22 dB/km	≤0.23 dB/km
Cable Cut-off Wave length λ <sub>cc</sub>		≤1260nm	≤1450nm

NAME CODING



ORDERING INFORMATION AND COMPLIANCE

Part No.	Description	Compliance
VCFAUSSXXS2PE	VIVANCO Stranded Light Armored Steel Tape X Fibre Cable, Single Mode, Black	ISO/IEC 11801:2008 ANSI/EIA-568-C.3 TIA-598-C EN50173:2002 TIA/EIA-526-7 ITU G.652.D

Note: xx denotes core number