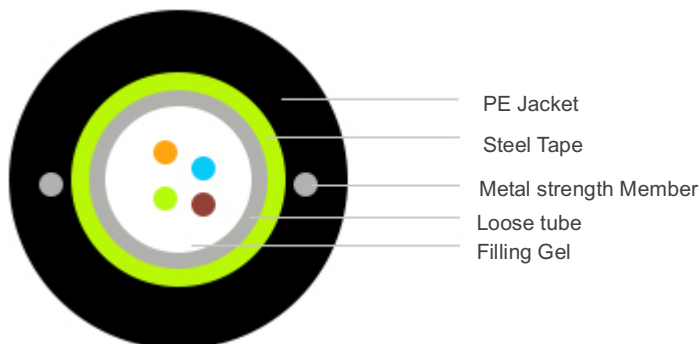


DESCRIPTION

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 |
|--------------|--------------|

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 |

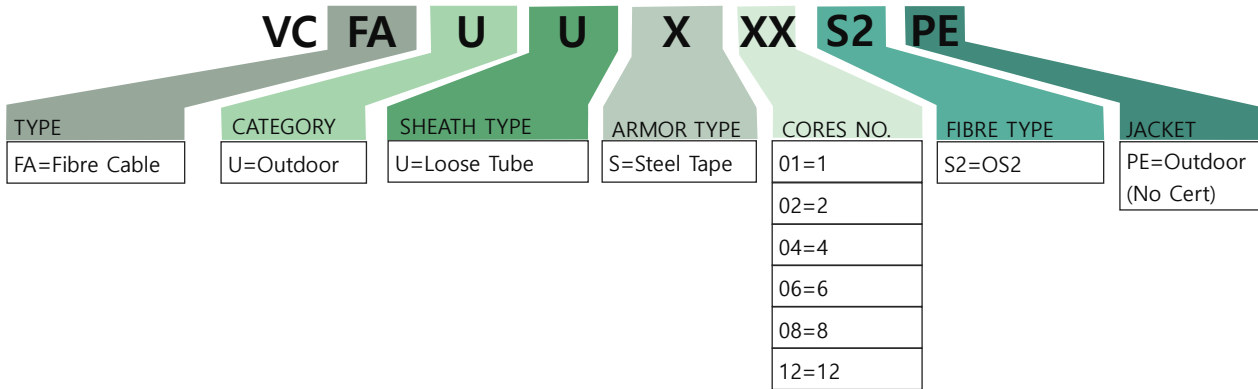
OPTICAL CHARACTERISTICS

| | | 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 _{cc} | | ≤1260nm | ≤1450nm |

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



NAME CODING



ORDERING INFORMATION AND COMPLIANCE

| Part No. | Description | Compliance |
|---------------|--|--|
| VCFAUUSXXS2PE | Light Armored X Optical Fibre Cable, Single Mode, 1Tube, Black | ISO/IEC 11801:2008 ANSI/EIA-568-C.3 TIA-598-C EN50173:2002 TIA/EIA-526-7 |

Note: xx denotes core number