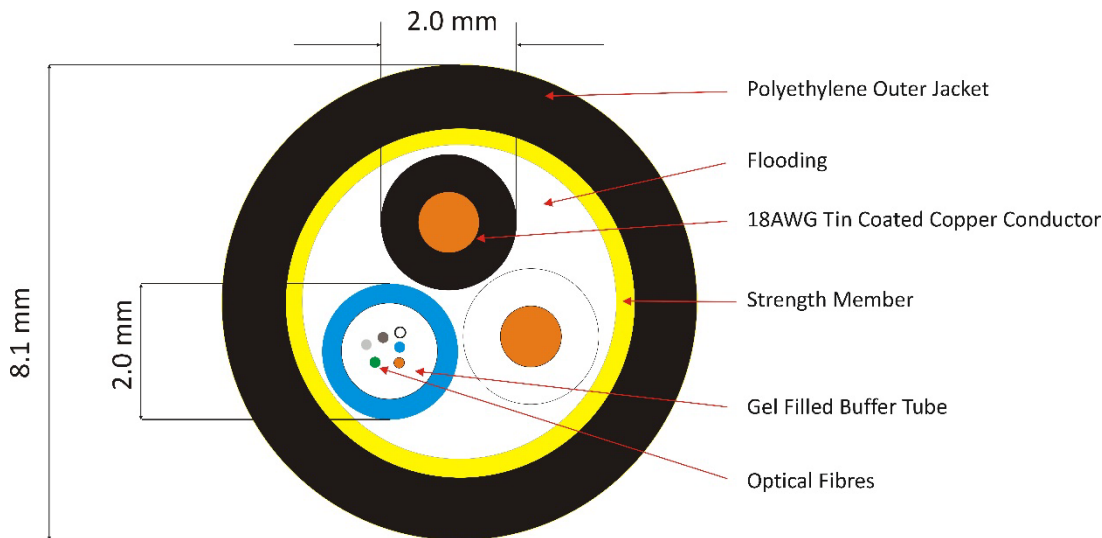


# Spec Sheet

HS-3S2M1X2C-1PE081-01-B

## Composite Fibre Optic Cable



\* Drawing not to scale

### Typical characteristics

| Fibre Code/Type     | Multimode/OM3 |           | Singlemode / ITU-T G.652.A2 |           | Silixa Constellation™ Fibre |
|---------------------|---------------|-----------|-----------------------------|-----------|-----------------------------|
| Fibre Count         | 2             |           | 3                           |           | 1                           |
| Core Diameter       | 50 µm         |           | 9 µm                        |           | 9 µm                        |
| Cladding Diameter   | 125 µm        |           | 125 µm                      |           | 125 µm                      |
| Wavelength          | 850 nm        | 1300 nm   | 1310 nm                     | 1550 nm   |                             |
| Maximum Attenuation | 3.5 db/km     | 1.5 dB/Km | 0.5 dB/Km                   | 0.5 dB/Km |                             |

### Mechanical Properties

|                       |                |
|-----------------------|----------------|
| Cable Diameter        | 8.13 mm        |
| Total Cable Weight    | 77 kg/km       |
| <b>Installation:</b>  |                |
| Max. Tensile Load     | 1780 N         |
| Min. Bend Radius      | 16.2 cm        |
| <b>Operating:</b>     |                |
| Max Tensile Load      | 400 N          |
| Min Bend Radius       | 8.1 cm         |
| Operating Temperature | -40°C to +80°C |
| Storage Temperature   | -40°C to +80°C |

**Note:** The customer is responsible for ensuring the compliance with all applicable local and national safety codes during use.



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