

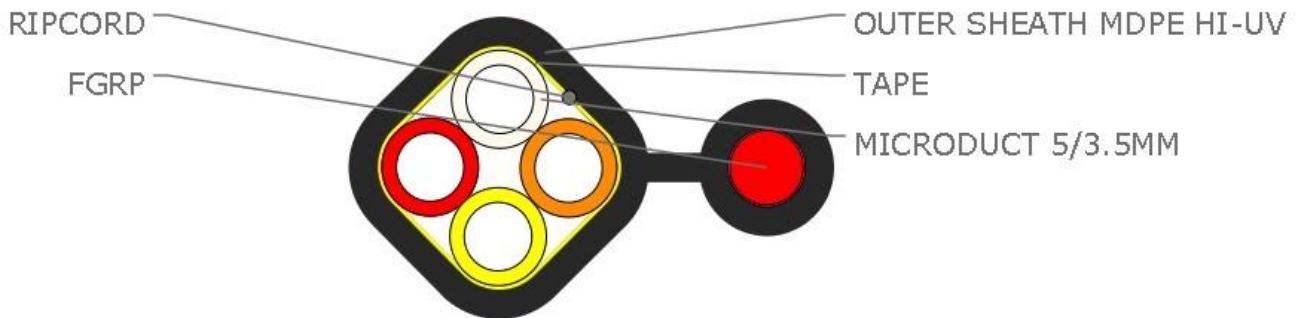
Cable Proposal CP902



20-March-2020 Issue E Page 1 of 2

4-WAY FIG8 FRP 5/3.5MM

Microduct, sheath and any stripe colour for illustration only, to be defined at product set up



PRODUCT OVERVIEW

Application

This product is designed for outdoor aerial installations.

Overall

| | |
|------------------------------|---|
| Product Diameter (Note 5) | 15.6mm |
| Product Dimensions | 23.6mm x 13.4mm |
| Product Weight | 160g/m |
| Colour | Black |
| Metal Free | Yes |
| Minimum Bend Radius (Note 4) | 13D |
| Maximum Tensile Load | 9500N |
| Sheath Removal | Ripcord provided for sheath removal |
| Suitability for Outdoor Use | Yes - outer sheath contains 2.5% carbon black |

Microducts

| | |
|----------------------|---|
| Primary Microduct(s) | 4x 5/3.5mm, HDPE, low friction liner, smooth orange #1, yellow #2, red #3, white #4 |
|----------------------|---|

Construction

| | |
|---------------------|---|
| Outer Sheath | MDPE, black, 1.5mm thick, outdoor grade |
| Strength Member | 4mm (3.8mm FGRP with adhesive coating) |
| Water Blocking Tape | Yes |
| Figure 8 design | Yes |

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Weather Data

| Reaction to Weather | | | | | | | | | | |
|---------------------|------------------------|----------------------------|-------------|----|------------------|--------------|---------|---------|-----------------|----------------|
| Span (m) | Stringing Tension (kg) | Stringing Temperature (°C) | Add Weather | | Temperature (°C) | Tension (kg) | Sag (m) | Sag (%) | Elongation (mm) | Elongation (%) |
| 60 | 102 | 10 | 0 | 0 | 10 | 102 | 0.751 | 1.3 | 98 | 0.16 |
| | | | 0 | 60 | 10 | 305 | 2.211 | 3.7 | 290 | 0.32 |
| | | | 5 | 60 | -15 | 387 | 2.535 | 4.2 | 368 | 0.41 |
| | | | 15 | 0 | -15 | 407 | 2.616 | 4.4 | 386 | 0.48 |

Elongation at weather shown as being after stringing and is the percentage strain the fibre could 'see'.

Note 1: Diameters and thicknesses are measured to nearest 0.1mm.

Note 2: All dimensions and weight are 'nominal'.

Note 3: 'nominal' data is based on middle-spec, and is for information only, not for inspection purposes.

Note 4: 'D' is the appropriate product diameter for the bending direction.

Note 5: Diameter does not include strength member and web.