

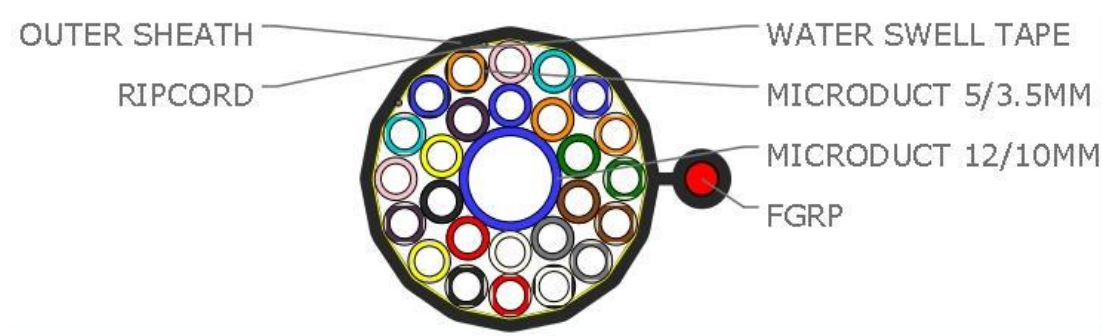
Cable Proposal CP4250



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26-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 installation into a pre existing duct by pulling.

Overall

Product Diameter (Note 5)	35.4mm
Product Height	45.4mm
Product Weight	495g/m
Colour	Black
Metal Free	Yes
Minimum Bend Radius (Note 4)	15D
Maximum Tensile Load	12000N
Sheath Removal	Ripcord provided for sheath removal
Suitability for Outdoor Use	Yes - outer sheath contains 2.5% carbon black

Microducts

Primary Microduct(s)	26x 5/3.5mm, LDPE, low friction liner, smooth blue, orange, green, brown, grey, white, red, black, yellow, violet, pink, aqua, blue (4xbeige), orange (4xbeige), green (4xbeige), brown (4xbeige), grey (4xbeige), white (4xblack), red (4xbeige), black (4xbeige), yellow (4xbeige), violet (4xbeige), pink (4xbeige), aqua (4xbeige), blue (4xblack), orange (4xblack)
Centre Microduct	1x 12/10mm, HDPE, low friction liner, smooth blue

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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

Weather Data

Span (m)	Temperature (°C)	Wind (mph)	Ice (mm)	Tension (kg)	Sag (%)	Elongation (%)
40	10	0	0	176	1.4	0.28
	10	80	0	505	4.6	0.80
	-15	0	15	457	4.2	0.72

Elongation at weather is 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.