

Cable Proposal CP2509



Sheath/microduct and any additional stripes etc to be advised at time of product set up/order placement.

Product Description

A single metal free 15/9 PE microduct with FGRP rods built into the wall, the product comes with a number of pre-installed identifiable fibre elements. The bundle is designed for burial in suitably prepared ground (no sharp aggregate) or for installation into duct.

Product Details

Assembly Diameter:	15.0mm nominal		
Microduct Outer diameter	15.0mm nominal (fits designated push-fit connectors)		
Fibre elements:	Maximum 48x loose tube elements each containing 2 fibres G657A2 Maximum 36x loose tube elements each containing 4 fibres G657A2		
Max pullback distance	recommended not exceed 30m		
GRP	2 x 1.5mm nominal		
Assembly mass:	140g/m (with 48x 2f LTFE) 145g/m (with 36x 4f LTFE)		
Min bend radius:	150mm in preferential direction. See separate recommendations for MBR of fibre products.		
Max Installation Pull Force:	1.0kN (100kg), ensure fibre elements free to move		
Installation:	-15°C to +50°C		
Operation:	-40°C to +70°C		
Attenuation at 20°C (dB/km)	0.40 dB/km max	at 1310nm to 1625nm	
	0.30 dB/km max	at 1550nm	
	0.34 dB/km max	at 1383nm waterpeak	

Typical Fibre Colours (or to customer specification)

Number	1	2	3	4
Colour	blue	orange	green	brown
Marking				

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Issue F: 01/10/2020

Page 2 of 2

Typical Buffer Tube Colours (or to customer specification)

Number	1	2	3	4	5	6	7	8
Colour	blue	orange	green	brown	grey	white	red	black
Marking	-	-	-	-	-	-	-	-
Number	9	10	11	12	13	14	15	16
Colour	yellow	violet	pink	aqua	blue	orange	green	brown
Marking	-	-	-	-	--	--	--	--
Number	17	18	19	20	21	22	23	24
Colour	grey	white	red	black	yellow	violet	pink	Aqua
Marking	--	--	--	--	--	--	--	--

Number	25	26	27	28	29	30	31	32
Colour	blue	orange	green	brown	grey	white	red	black
Marking	---	---	---	---	---	---	---	---
Number	33	34	35	36	37	38	39	40
Colour	yellow	violet	pink	aqua	blue	orange	green	brown
Marking	---	---	---	---	----	----	----	----
Number	41	42	43	44	45	46	47	48
Colour	Grey	white	red	black	yellow	violet	pink	Aqua
Marking	----	----	----	----	----	----	----	----

Loose tube quantity	Loose tube OD	Total fibre quantity
12 x 2F	1.0mm	24F
24 x 2F	1.0mm	48F
36 x 2F	1.0mm	72F
48 x 2F	1.0mm	96F
12 x 4F	1.2mm	48F
24 x 4F	1.2mm	96F
36 x 4F	1.2mm	144F

NOTE 1: Diameters and thicknesses are measured to the nearest 0.1mm

NOTE 2: 'Nominal' data is based on mid-spec, and is for information only, not for inspection purposes.

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