



Hydra Assembly with Pulling Sock

The Hydra Assemblies supplied by Passcomm are designed for the pre-connectorisation of 4,8 or 12 fibre Network Rail PADS accepted drop cables. The Hydra assembly will come pre-assembled so that installation times on site are minimised and the manifolds rugged design along with the pulling sock ensure that an unskilled workforce can install them.

Network Rail PADS Certificate Number: [PA05/06721]

Part Number: H - 04 - LP - TSA - 7A1 - LTA - 05

Fibre Count
(2, 4, 8 or 12)
04=4 Fibre
12=12 Fibre

Connector
End A
LP=LC/UPC
TSA=SC/APC

Connector End B
LP=LC/UPC
TSA=SC/APC

Fibre Type
7A1=G657A1+

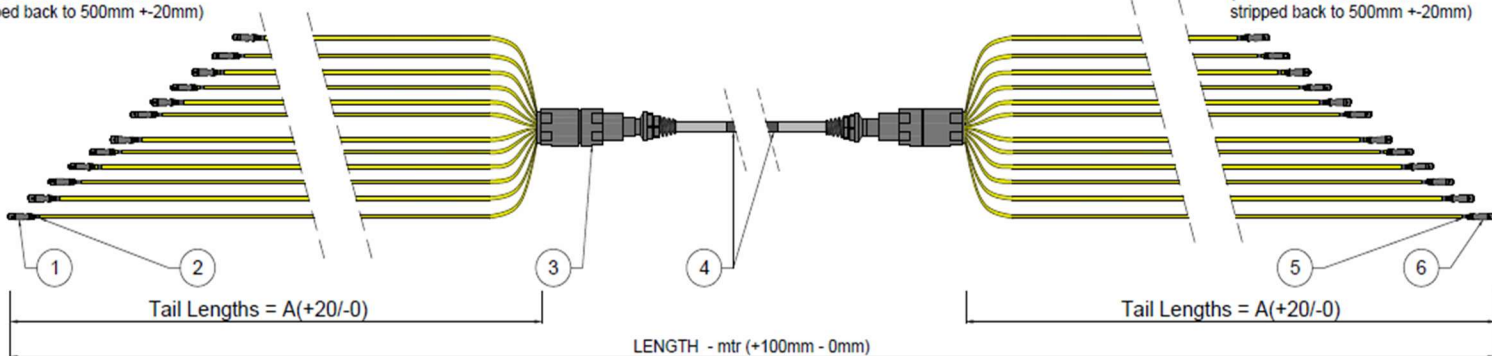
Length
e.g.
05=5m
20=20m
110=110m

Cable Armour
LTA= Loose Tube
Armoured

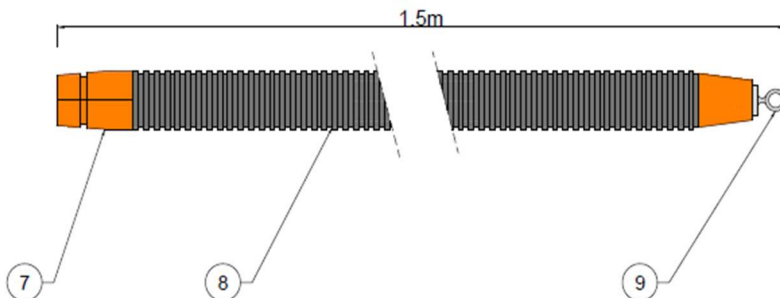
Break Out Manifold

END A:
LC/UPC OR SC/APC (Tuned)
(SC/APC lengths shown in table A)
(LC/UPC connectors all to be
stripped back to 500mm +20mm)

END B:
LC/UPC OR SC/APC (Tuned) OR
UNTERMINATED
(SC/APC lengths shown in table A)
(LC/UPC connectors all to be
stripped back to 500mm +20mm)



Pulling Sock



No.	Description
1	Connector Assembly End A
2	Tail Identification End A
3	Fan Out Manifold
4	Network Rail Approved Drop Cable (PADs: PA05/06710)
5	Tail Identification End B
6	Connector Assembly End B
7	Pulling Sock Clamp
8	Protective Tubing
9	Pulling Sock Eye

Table A	1 & 2	3 & 4	5 & 6	7 & 8	9 & 10	11 & 12
2 Fibre	1040mm					
4 Fibre	1040mm	1080mm				
8 Fibre	1040mm	1080mm	1120mm	1160mm		
12 Fibre	1040mm	1080mm	1120mm	1160mm	1200mm	1240mm

Technical Information

	Specification
Fibre Count	4,8, or 12
Fibre Type	G657 A1+
Cable Sizes	10mm
IP Rating of Manifold	IP54
Operating Temperatures	-20°C to +70°C
Manifold Body Material	Polyamide and Acetyl
Crimp Material	Stainless Steel
Cable Retention	>100N
Tube Retention	>90N
Crush Resistance	>300N/cm
Length	<20m supplied in cardboard box >20m supplied on deployable reel

Issue 2



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