

Technical Specifications

*PSPL Hardened Preconnectorized Drop Cable
with
8.1x4.5mm Flat Drop Cable*

Interface	Connector type	Fiber type	Cable
Push&Pull mating	SC/APC	OS2(G.657.A2)	Flat 8.1x4.5mm

1. General

UCL's PSPL Preconnectorized drop cable assemblies, terminated on the flat 8.1x4.5mm drop cable simplify connections at the customer's residence. It reduces installation time and costs throughout fiber distribution access networks. It allows easier testing during installation and quicker connection for service upgrades.

2. Features and Benefits

- Easy and fast connection, Plug-and-Play
- Smaller size makes installations easier.
- Intuitive and easy to connect to hardened adapters on terminals or closures.

3. Specifications

3.1 Optical Performance

Singlemode (OS1 & OS2)	Insertion Loss	Typ.	0.15dB
		Max	0.30dB
	Return Loss	min.	55dB (UPC), 65dB (APC)

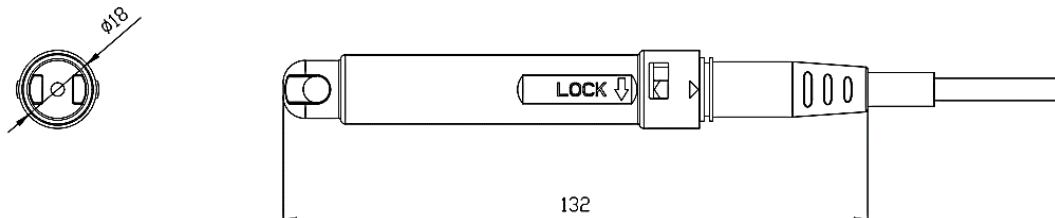
3.2 Temperature Range

Operation	-40°C to 75°C
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3.3 Mechanical Properties

Cap/Plug tensile load	0 degree, 45.5kgf, 60 seconds
Plug/Adapter tensile load	0 degree, 11.3 kgf, 60 seconds
Plug/Adapter side pull	90 degree, 6.8 kgf, 60 seconds
IP Classification	IP68

4. Dimension



5. Ordering Information

Part Number	Product Description
HDPC-A2-8145-PSPL-PSPL-000	G.657.A2, SC/APC, PSPL type, 8.1x4.5mm flat cable, 000meter length

6. Related Products

Classification	Product Number	Description
Drop Cable	DRC-PE8145B-FR00-P29KVP09-A201	Flat, 8.1x4.5m, MDPE outer jacket, 2.9mm subunit, 0.9mm tight buffered inner jacket, G.657.A2 1core