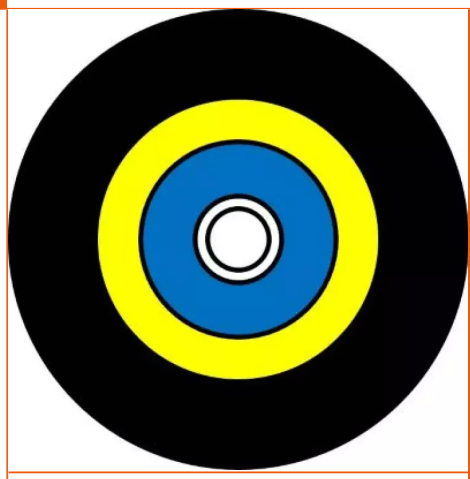
Pre-Connectorized Drop Cable (PCDC)

SINGLE JACKET - ADSS, PIA - 3.0 MM 1FO



Aginode Ref: PCDCBxxxx - SP1952

This robust cable has a semi tight-buffered, colored fiber core, reinforced with aramid and swellable yarns, and protected by a black, UV-resistant TPU outer sheath.

This cable features a tight buffer construction with a single colored optical fiber inside. It is reinforced with aramid yarns, and includes swellable yarns for water-blocking protection. The outer sheath is made of black, UV-resistant thermoplastic polyurethane (TPU), offering excellent durability in outdoor environments.

Breaking load: max 2000N

PIA Approved

Available with optimized packaging for use with cable dispensers, allowing One-Man Installation

STANDARDS

IEC 60794
IEC 60793

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

Test Methods

All optical measurements at 1550 nm

Test	Conditions	Acceptance criteria
Tension Loading IEC 60794-1-21 E1	Tensile strength: under 4x cable weight (280N) Sample length: ≥50 m, 1 min	Fiber strian≤0.5% No damage
Crush/Compression IEC 60794-1-21 E3	Crush: 10Kg/cm, 1min Number of tests: 3, at least 20cm apart.	After test, Δα≤0.1dB No damage
Impact IEC 60794-1-21 E4	Impact energy: 3Nm number of test: 3	Δα reversible No damage
Torsion IEC 60794-1-21 E7	2m cable, ±180°	Δα reversible No damage
Kink IEC 60794-1-21 E10	R=15mm	No kink
Bending IEC 60794-1-21 E11A	10 turns, 5 cycles, R=30mm	After test, Δα≤0.1dB No damage
Water penetration IEC 60794-1-22 F5B	Height of water column: 1m Sample length: 3m, 24h	No water leakage
Temperature cycling IEC 60794-1-22 F1	-40~+60°C, t1=180min, 3 cycles	Δα≤0.4dB/km

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Characteristics

Construction characteristics	
Colour	Black
Connector type	SC/APC LC/APC Hardened Standard (Corning Optitap compatible)
Dielectric	Yes
Fiber optic type	SM (G657.A2)
Outer sheath	Polyurethan
Type of cable	Aerial
Dimensional characteristics	
Approximate weight	7 kg/km
Cable Diameter	2.8 mm
Number of optical fibres	1
Mechanical characteristics	
Breaking strength	Max 2 kN
Crush resistance	10 kg/cm
Maximum tensile load	280 N
Usage characteristics	
Field of application	Customer connection
Installation temperature, range	-5...50 (operation -40...60) °C
Installation type	Aerial - self-supporting
Minimum Bend Radius - Installed	R=10D without tension mm
Packaging	PCDC packaging / OMI

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