

FIBER & ACCESS / PRETERMINATED ASSEMBLIES

Hardened FTTH Drop Cable Assembly

CX-OPT-SCAPC-PC

A factory-terminated single-fiber cable assembly with a 5.0 mm round LSZH jacket, aramid reinforcement and stainless-steel mesh for FTTH access connections.



Round drop cable assembly with hardened connection components.

Reduce field preparation

Factory-terminated hardened interfaces support deployment of prepared cable lengths.

Reinforce the cable

Aramid yarn and stainless-steel mesh support the fiber inside the round jacket.

Specify the required assembly

Select length, end configuration and installation details for the application.

PRODUCT SPECIFICATIONS

Specification	Details
Optical fiber	1 × single-mode G.657.A2
Cable outside diameter	5.0 ±0.2 mm
Jacket / tight buffer	Black LSZH / 0.9 mm blue PVC tight buffer
Strength members	Aramid yarn and stainless-steel mesh
Optical interface	Hardened OPT/SC/APC configuration
Connector insertion / return loss	≤0.3 dB / ≥60 dB at 1310 and 1550 nm
Loss change: interchange / repeat	≤0.2 dB / ≤0.2 dB
Fiber attenuation	≤0.35 dB/km at 1310 and 1550 nm
Cable tensile load, long / short term	450 N / 2,000 N
Minimum cable bend radius	10D long term; 20D short term; D = cable diameter
Cable operating temperature	−20 to +70 °C

SELECT YOUR CONFIGURATION

Specify length, both end interfaces, route and installation conditions. This construction includes metallic reinforcement; grounding and installation requirements must suit the application. Cable load ratings do not establish the allowable pull through a connector.

Practical product support. Personal service.

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