

FIBER & ACCESS / PRETERMINATED ASSEMBLIES

Hardened Fiber Drop Pigtail

CX-OPT-SCAPC-PT

A single-fiber drop pigtail with a hardened SC/APC interface and flat figure-8 cable construction, combining FRP fiber support with a steel messenger.



Flat figure-8 fiber drop pigtail with hardened connector detail.

Prepare the connection in advance

A factory-terminated hardened end reduces termination work at that interface.

Support the drop construction

FRP elements support the optical section; the figure-8 profile includes a steel messenger.

Fit the planned route

Specify cable length and end preparation for the intended installation.

PRODUCT SPECIFICATIONS

Specification	Details
Optical fiber	1 × single-mode G.657.A2
Cable profile	Flat figure-8; $(2.0 \pm 0.1) \times (5.1 \pm 0.1)$ mm
Jacket	Black LSZH
Reinforcement	FRP elements with a galvanized-steel messenger
Optical interface	Hardened OPT/SC/APC
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	300 N / 600 N
Cable crush, long / short term	1,000 / 2,000 N per 100 mm
Cable operating temperature	-20 to +70 °C

SELECT YOUR CONFIGURATION

Specify length, hardened connector interface and opposite-end preparation. Match the cable support and metallic-messenger installation requirements to the route. Cable load ratings do not establish the allowable pull through a connector.

Practical product support. Personal service.

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