

FEATURED CONFIGURATION / CX-OPT-SCAPC-PT

Mini Figure-8 Hardened Drop Pigtail

CX-OPT-SCAPC-PT: a single-fiber drop pigtail with a hardened SC/APC interface and a galvanized-steel messenger.



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

Specify length and opposite-end preparation. Match the messenger support and grounding to the route. No direct-burial or connector pulling rating is implied.