



NTHW027 Datasheet 01

IP65 HUAWEI MINI-SC Field Installable Reinforced Connector

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Product Overview

Huawei Fastconnect Reinforced Optical Connector is a field installable hardened fiber optical connector, which compatible with ESC250D, Sumitomo, Fujikura and Furukawa fast connector. Can be used for 5.0/3.0mm Round Cable and 2*5mm or 2*3mm Flat Drop Cable. Huawei reinforced adapter is an excellent solution compatible with Huawei FastConnect system, it is a filed assembly connector adapter, don't need to be terminated in a laboratory, it is easy to install and no need special tools.



Features / Benefits

- Waterproof level: IP65;
- Compatible with NEATEL, Sumitomo, Fujikura and Furukawa fast connector;
- Fully compatible with Huawei Fastconnect system;
- Field installation, easily mounted on the field mount optical connector, don't need any specific tools or devices;
- Low insert loss and high return loss;
- High mechanical strength performance;
- PEI material, Acid and alkali resistance, Ultraviolet resistance;
- Outdoor use, 20-year service life.

Application

- FTTH/FTTX;
- Outdoor Areas;
- Harsh Environment.

Technical Specification

Optical Characteristic	
Parameter	Value
Compatibility	Compatible with ESC250D/APC, Sumitomo, Fujikura and Furukawa fast connector
Cable Type	5.0/3.0mm Round Cable and 2*5mm or 2*3mm Flat Drop Cable
Fiber Count	1F
Typical Insertion Loss	≤0.3dB
Max Insertion Loss	≤0.5dB
Time to terminate	2mins
Max Tensile Strength	200N/m
Mechanical Characteristics	
Item	Value
Waterproof Level	IP65
Allowable mating	50 Times
Material Plastic	Reinforced PEI
Allowable Tensile Strength	100N (within 60sec)
Color	Black
Operating Temperature	-40°C to +90 °C
Life Time	20 Years