Sealed IDC Station Protectors Sealed, IDC, TandAction™ Hybrid protection

Part Number:
USP-123-3

The Corning USP™ 123 series insulation displacement connection (IDC) station protector is designed to provide superior surge protection in any customer premises application. Utilizing a state-of-the-art, heavy duty three-element gas tube with an innovative no backup air gap design, the USP 123 offers longer service life and reduced maintenance costs. Using the latest in environmentally-sealed insulation displacement connection (IDC) technology, the USP 123 is available in two versions: TandAction™ hybrid station protector for VDSL-rated applications, and stand alone gas tube (no backup air gap) for standard category 5 compliance.

The robust wire guide easily directs standard 22-24 AWG wiring to each tip and ring channel assuring straight through insertion and a solid connection. The wire guide can be removed for terminating larger gauge wires up to 18.5 AWG (F-drop). Highly visible, gel-sealed test contacts allow easy testing and troubleshooting using standard test clips. Two ground clips provide multiple mounting orientations for maximum flexibility in any application.

Features and Benefits

Heavy-duty 3-element gas tube
High-energy capability with balanced operation

High-speed broadband compatible
Ideal for broadband applications (ADSL/VDSL)

Complies with multiple industry standards
Ensures compatibility across multiple xDSL operating platforms

Gel-sealed IDC terminals
Provides maximum corrosion protection and allows multiple re-terminations of subscriber lead wires

Robust wire guide
Facilitates straight-through insertion of 22-24 AWG drop wire

Clear terminal cap
Highly visible wire ports for ease of wire insertion and visible wire insertion depth assures proper connection



Insulation Displacement Connection (IDC) Station Protector TandAction™ Hybrid protection

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Specifications

General Specifications	
Category	Meets Category 5 Transmission Requirements

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	RUS PE-80
UL-Listed	Listed to UL 497

Electrical Characteristics	
Capacitance	3 pF typical at 1 Vrms (1 MHz) 0 VDC bias, 14 pF typical line to line

Transmission	
NEXT (Near-end crosstalk) according to ISO/IEC 11801 Ed.2.2:2002 and DIN EN 50173-1:2002	27 dB @ 100 MHz, side by side neighboring pairs; 50 dB @ 100 MHz, on top of each other neighboring pairs

Dimensions	
Height	396 cm
Width	3.96 cm
Depth	178 cm

Ordering Information	
Product Number	USP-123-3
Shipping Height	358.9 cm
Shipping Width	251 cm
Units per Delivery	100/1

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CORNING

RoHS COMPLIANT

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