

UCA4 Terminal Coupler/Splitter Cassette Dual-Window Wideband, Input Non-Connectorized, Output SC APC Connectors, 1x8

CORNING

Part Number:
C4S1TC0016C11018

Corning offers a full line of passive optical products designed for maximum network flexibility and performance. Available components include couplers, planar splitters and wavelength division multiplexers (WDMs).

Modern network architectures often require widespread deployment of passive optical devices (WDM, splitters, couplers) in the field to maximize system reach while reducing the cost of expensive electronics. Due to the critical nature of these components, network performance is largely dependent upon the performance and reliability of the couplers, especially when installed in an outside plant environment.

Couplers and splitters are available with port counts from 1x2 to 2x32. Custom circuits can be created with any number of unequal power outputs or can be created by concatenating couplers of various ratios. Couplers are available on connectorized rack-mountable shelves or modules or a variety of cassettes that are compatible with Corning hardware product lines.

Corning's expertise in fiber optics and advanced production techniques yields consistent, high-performance products which are stable across a wide range of environmental conditions.

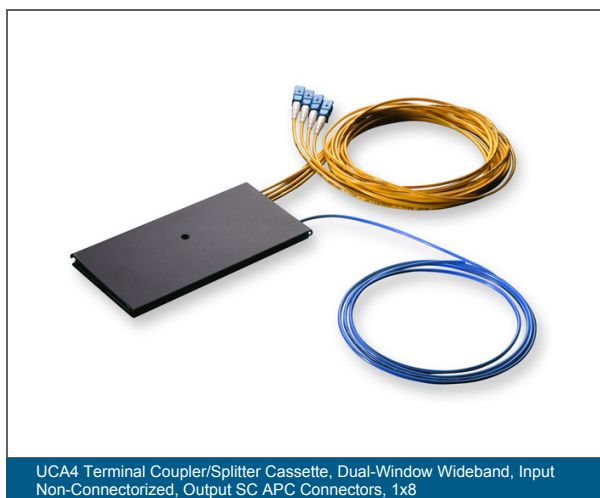
Features and Benefits

Available with high-performance connectors or splicing solutions

Low insertion loss

Environmentally stable

Long-term reliability



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Specifications

General Specifications

Product Type	Splitters
Splitter Type	Cassettes
Fiber Category	Single-mode (OS2)
Application	CATV Environments, Carrier Networks, Fiber to the Premises

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	GR-1209 and GR-1221 qualified

Design

Cassette Capacity	Accommodates up to 8 CWDM filters or one 1x32 splitter
Fiber Protection	Transport tubing or 2 mm jacketing
Housing Type	Splitters
Output Connector	SC APC
Product Family	UCA4 terminals
Splitter input connector	SC APC
Splitter output connector	SC APC

Optical Specification - Hardware

Splitter Insertion Loss Max	10.4 dB
Splitter PDL (Polarization Dependent Loss)	0.2 dB
Splitter Insertion Loss, Typical	9.8 dB
Splitter Uniformity	1 dB
Splitter Directivity	55 dB
Splitter Return Loss	> 55 dB

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Ordering Information

Product Number	C4S1TC0016C11018
Package Contents	splice tray and cover (0.4), 1 x 8 planar splitter, tubing, SC APC connectors, splice organizer (6 position), heat shrink, sealant, adhesive, gasket, tie wrap, labels, instructions
Units per Delivery	1/1



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