

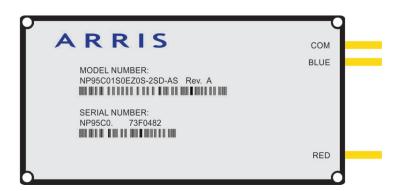
Optical Passives (OSP)

NP95C01

Wavelength Band Combiners/Separators

FEATURES

- 3-port filters to combine or separate wavelength bands
- · Low insertion loss
- Operating temperature range –40° to +85°C
- Telcordia GR-1209 and GR-1221 qualified, providing excellent environmental and mechanical stability
- Variety of fiber jacket and connector types
- Epoxy-free on optical path



PRODUCT OVERVIEW

ARRIS's NP95C01 series of combiner/separator filters are 3-port filters that combine (or separate) wavelength bands. These filters are designed for use in an outdoor environment within a temperature range of -40° to +85°C.

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Characteristics	Specification						
Physical							
Dimensions	9.2 x 51 x 89 mm						
Weight, ruggedized packages	0.8 lbs (0.4 kg)						
Environmental							
Operating Temperature Range	-40° to +85°C (-40° to +185°F)						
Storage Temperature Range	-40° to +85°C (-40° to +185°F)						
umidity 5% to 95% non-condensing							
Optical							
	RED	BLUE					
Passbands (nm)	1546.0 - 1562.4 (ITU Chs 19-39)	1527.1 – 1542.3 (ITU Chs 44-63)					
Insertion losses, max (typical) (dB), including connectors	0.9 (0.7)	0.8 (0.6)					
Isolation, min (dB)	15	25					
Ripple within passband, max (dB)	0.5						
Power handling, max (any input port) (dBm)	24.8						
Directivity, min (dB)	55						
Return loss, min (dB)	45						
Polarization dependent loss, max (typ), dB	0.15 (0.1)						

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^{** = 00 (}No connectors, applicable only to 0.9-mm fibers);
AS (SC/APC connectors, applicable only to 1.6-mm fibers)

RELATED PRODUCTS	
Optical Transmitters	Optical Passives
Digital Return	Optical Patch Cords
Optical Nodes	Installation Services

Customer Care

Contact Customer Care for product information and sales:

- United States: 866-36-ARRIS
- International: +1-678-473-5656

Note: Specifications are subject to change without notice.

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