

Single Mode Plug Style Attenuators

944/954 Series

MAIN CHARACTERISTICS



Features

The Amphenol FC and SC plug attenuators are conform to JIS C 5970 and JIS C 5973 respectively. It exists with different attenuation values.

This product is wavelength independent for multiple wavelength system compatibility and polarization insensitive.

Fused fiber technology is used to attenuate signal power level insuring long term reliability and temperature stability.

It is available in Super FC, Super SC, Ultra FC, Ultra SC, Angle FC, and Angle SC configurations. Its compact plug style design easily fits into existing patch panels.

Technical description

- Back Reflection:
 - Super Polish: -45 dB maximum
 - Ultra Polish: -55 dB maximum
 - Angle Polish: -65 dB maximum
- Storage Temperature: -40°C to +85°C
- Operating Wavelengths:
1290 nm to 1330 nm and 1525 nm to 1575 nm
- Attenuation Values:
 - < 5 dB, Nominal \pm 0.5 dB
 - \geq 5 dB, Nominal \pm 10%
- Available in 1 dB thru 20 dB attenuation values

Applications

- Telecom, central office
- CATV head-end
- Data communications
- Test and measurement

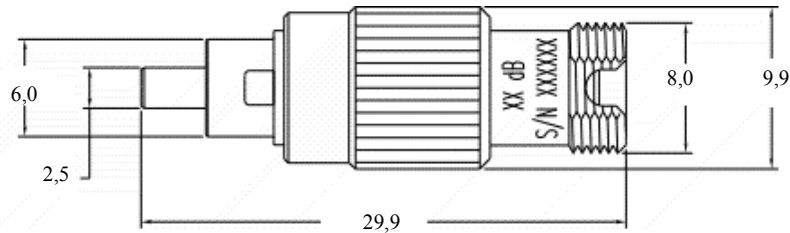
Amphenol

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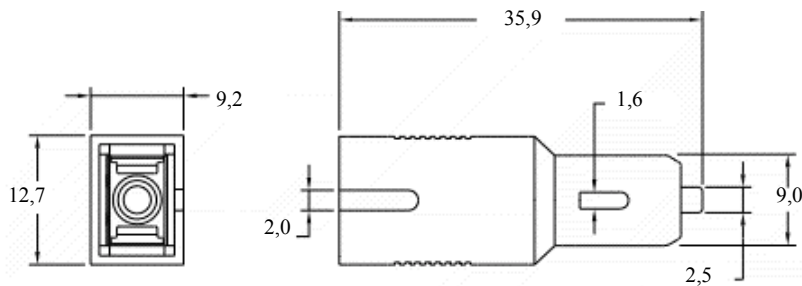
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Line Drawings (dimensions in mm)

FC Attenuator



SC Attenuator



How to order :

Part Number	Description
944 – 130 – 50XX	Attenuator, FC Plug Style, Super Polish
944 – 130 – 51XX	Attenuator, FC Plug Style, Ultra Polish
944 – 133 – 50XX	Attenuator, FC Plug Style, Angle Polish
954 – 130 – 50XX	Attenuator, SC Plug Style, Super Polish
954 – 130 – 51XX	Attenuator, SC Plug Style, Ultra Polish
954 – 133 – 50XX	Attenuator, SC Plug Style, Angle Polish
XX = Attenuation value (01-20)	

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