

# MN9604C

## Optical Directional Coupler

1.25 to 1.65  $\mu\text{m}$



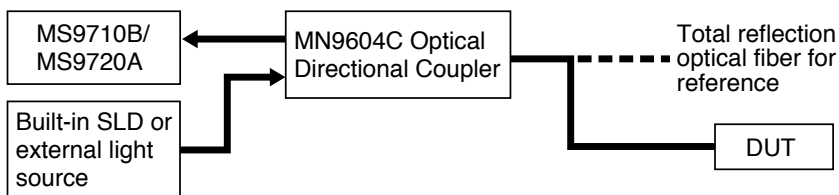
The MN9604C is used in combination with stabilized light source and optical power meter to measure optical return loss of optical connectors at approx. 50 dB.

## *Features*

- Wide usable wavelength range
- Low crosstalk
- Easy cleaning of optical connectors

## *Application*

When the MN9604C is combined with the total reflection optical fiber (sold separately) and the MS9710B Optical Spectrum Analyzer or the MS9720A WDM Network Tester, the return loss can be measured.



# Specifications

Compatible fiber	SM (10/125 $\mu\text{m}$ , NA0.1)
Wavelength range	1.25 to 1.65 $\mu\text{m}$
Insertion loss	<5.5 dB (1.31/1.55 $\mu\text{m}$ : <5.0 dB, between ports A to B and ports A to C)
Loss difference between ports	<2.2 dB (1.31/1.55 $\mu\text{m}$ : <1.5 dB, between ports A to B and ports A to C)
Insertion loss polarization dependency	<0.15 dB* <sup>1</sup>
Crosstalk attenuation	>54 dB* <sup>1,*2</sup>
Optical connector	FC, SC, ST, DIN, HMS-10/A
Ambient temperature, rated range of use	0° to +50 °C
Storage temperature	-40° to +71 °C
Dimensions and mass	110 (W) x 52 (H) x 121 (D) mm, $\leq$ 500 g

\*<sup>1</sup> Wavelength: 1.31/1.55  $\mu\text{m}$

\*<sup>2</sup> When using the connector with return loss of >53 dB

# Ordering information

Please specify model/order number, name and quantity when ordering.

Model/Order No.	Name	Remarks
MN9604C	<b>Main frame</b> Optical Directional Coupler	For SM fiber
W1563AE	<b>Standard accessories</b> MN9604C operation manual:                      1 copy	
	<b>Optical connectors</b>	
MN9604C-37	FC/PC connector	
MN9604C-38	ST connector	
MN9604C-39	DIN connector	
MN9604C-40	SC connector	
MN9604C-43	HMS-10/A (DIAMOND) connector	
	<b>Optional accessories</b>	
J0441	Total internal reflection fiber cord, 1 m	With FC-PC connector
J0617B	Replaceable optical connector (FC)	
J0618D	Replaceable optical connector (ST)	
J0618E	Replaceable optical connector (DIN)	
J0618F	Replaceable optical connector (HMS-10/A)	
J0619B	Replaceable optical connector (SC)	
Z0282	Ferrule cleaner	Cletop A-type, 1 pc
Z0283	Ferrule cleaner spare tape	6 pcs/set
Z0284	Adapter cleaner	Stick type, 200 pcs/set



Specifications are subject to change without notice.

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