

Planar Waveguide 1x8 Splitter

(patent pending)

Product Description

The PW Series 1x8 planar waveguide splitter is based on Agiltron's high performance optical waveguide chips technology and compact packaging structure. It features high uniformity, low excess and very low polarization sensitivity. The device is ideal for splitting or combining light with exceptional performance over a wide wavelength range



Features

- Wavelength Independent
- Ultra Low Excess Loss
- Low Polarization Sensitivity
- Highly Stable & Reliable
- High Uniformity
- Ultra Low Cost

Performance Specifications

PW Series 1x8 Splitter	Performance	Unit
Insertion Loss	< 11.0	dB
Uniformity	< 1.0	dB
Polarization Dependent Loss	< 0.30	dB
Temperature Sensitivity	< 0.002	dB/°C
Directivity	> 55	dB
Return Loss	> 50	dB
Optical Power Handling	< 4	W
Operating Temperature	-10~70	°C
Storage Temperature	-40~85	°C
Fiber Type and Length	Corning SMF-28, Length >1	m
Package Dimension	(L)42x(W)4x(H)4	mm

Applications

- Telecommunications
- CATV
- LAN
- Instrumentation

Ordering Information

PW-	<input type="text" value="3"/> <input type="text" value="5"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/> <input type="text" value="8"/>	<input type="text"/>	<input type="text"/>
	Wavelength	Grade	Package	Port	Fiber Type	Connector Type
	1310 1550-35 Special = 00	standard=1 Special=0	Standard=1 Special=0	1x8 = 08	SMF-28 Ribbon=1 Special=0	None = 1 FC/PC = 2 FC/APC = 3 SC/PC = 4 SC/APC = 5 ST/PC = 6 LC = 7 Special = 0