

# Single/Dual Window Wideband Tree Coupler



## Features

- Low Insertion Loss
- Comply with RoHS
- Comply with Telcordia GR-1209, GR-1221

## Applications

- Telecommunications
- FTTH, CATV, LAN

## SINGLE WINDOW SPECIFICATIONS

PARAMETERS	1*3	1*4	1*8	1*16	1*32
Grade	P	P	P	P	P
Operating Wavelength (nm)	1310±40 or 1550±40 or 1610±40				
Insertion Loss	≤5.7dB	≤6.8dB	≤10.2dB	≤13.5dB	≤17.5dB
Uniformity	≤0.8dB	≤0.9dB	≤1.2dB	≤1.5dB	≤2.5dB
Thermal Stability (-40~85°C)	±0.1dB	±0.1dB	±0.15dB	±0.2dB	±0.3dB
Return Loss	≥55dB	≥55dB	≥55dB	≥55dB	≥55dB
Polarization Dependent Loss	≤0.15dB	≤0.15dB	≤0.25dB	≤0.3dB	≤0.7dB
Operating Temperature	-40~75°C				

## DUAL WINDOW SPECIFICATIONS

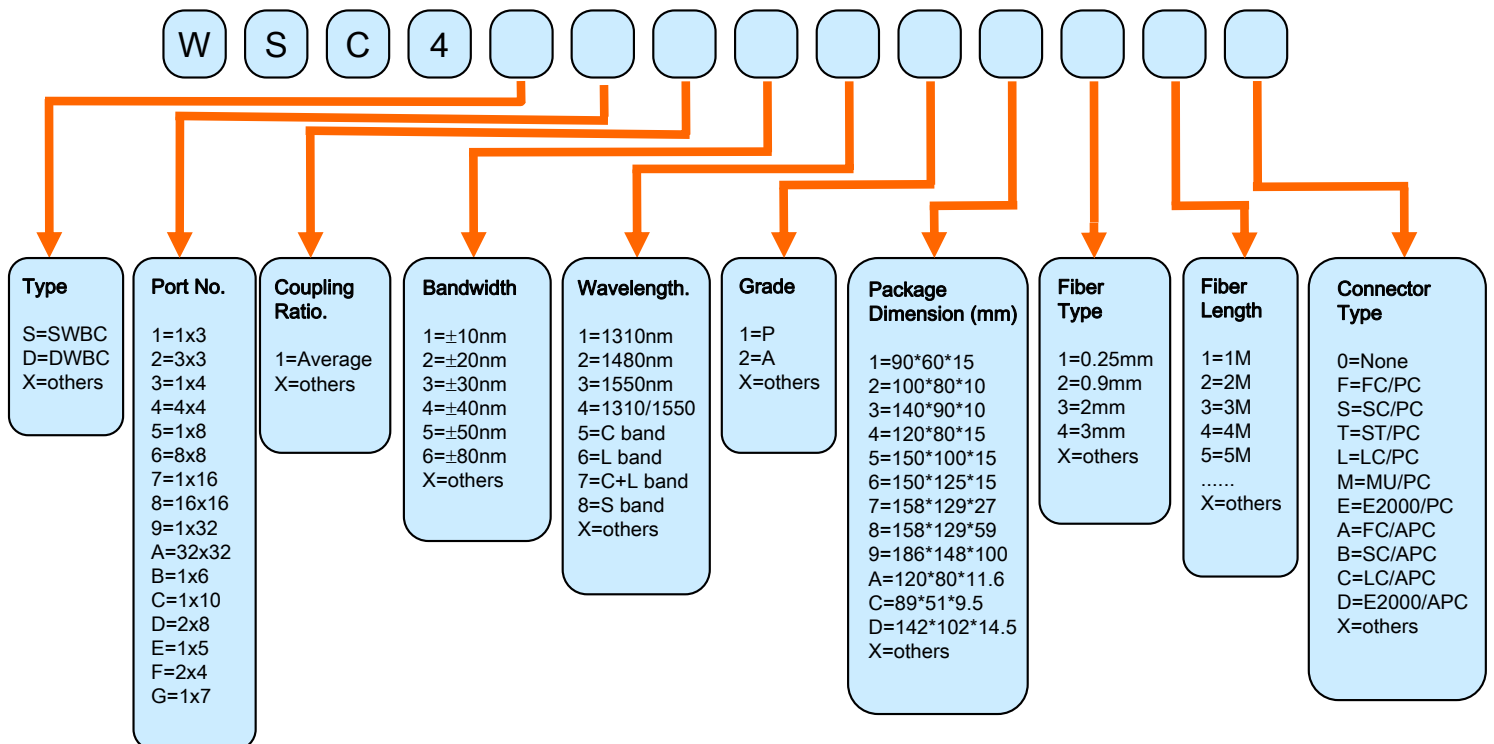
PARAMETERS	1*3	1*4	1*8	1*16	1*32
Grade	P	P	P	P	P
Operating Wavelength (nm)	1310±40 and 1550±40				
Insertion Loss	≤5.9dB	≤7.0dB	≤10.8dB	≤14.4dB	≤18.5dB
Uniformity	≤0.9dB	≤1.0dB	≤1.5dB	≤2.0dB	≤2.5dB
Thermal Stability (-40~85°C)	±0.1dB	±0.1dB	±0.15dB	±0.2dB	±0.3dB
Return Loss	≥55dB	≥55dB	≥55dB	≥55dB	≥55dB
Polarization Dependent Loss	≤0.2dB	≤0.2dB	≤0.3dB	≤0.4dB	≤0.8dB
Operating Temperature	-40~75°C				

# SINGLE WINDOW SPECIFICATIONS

PARAMETERS	1*3	1*4	1*8	1*16	1*32
Grade	A	A	A	A	A
Operating Wavelength (nm)	1310±40 or 1550±40 or 1610±40				
Insertion Loss	≤6.0dB	≤7.4dB	≤11.2dB	≤14.5dB	≤18.5dB
Uniformity	≤0.9dB	≤1.0dB	≤1.8dB	≤2.0dB	≤3.0dB
Thermal Stability (-40~85°C)	±0.1dB	±0.1dB	±0.15dB	±0.2dB	±0.3dB
Return Loss	≥55dB	≥55dB	≥55dB	≥55dB	≥55dB
Polarization Dependent Loss	≤0.2dB	≤0.2dB	≤0.3dB	≤0.4dB	≤0.8dB
Operating Temperature	-40~75°C				

# DUAL WINDOW SPECIFICATIONS

PARAMETERS	1*3	1*4	1*8	1*16	1*32
Grade	A	A	A	A	A
Operating Wavelength (nm)	1310±40 and 1550±40				
Insertion Loss	≤6.2dB	≤7.6dB	≤11.6dB	≤15.5dB	≤19.5dB
Uniformity	≤1.0dB	≤1.6dB	≤2.5dB	≤3.5dB	≤4.0dB
Thermal Stability (-40~85°C)	±0.1dB	±0.1dB	±0.15dB	±0.2dB	±0.3dB
Return Loss	≥55dB	≥55dB	≥55dB	≥55dB	≥55dB
Polarization Dependent Loss	≤0.25dB	≤0.25dB	≤0.35dB	≤0.45dB	≤0.8dB
Operating Temperature	-40~75°C				



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