

BOVxx-yy-1310/1550

OPTICAL STAR COUPLER

Application

- ▶ Combination and distribution of optical signals in LANs with singlemode fiber

Features

- ▶ Singlemode fiber star coupler
- ▶ Dual Window device
- ▶ Low excess loss
- ▶ Wavelength flattened design
- ▶ Available in
 - compact housing with pigtails BOVxx-yy-1310/1550
 - 19" - 1 HU housing with adaptors BOVxx-yy-1310/1550-H
 - 19" - 3 HU plug-in unit with adaptors BOVxx-yy-1310/1550-V
- ▶ FC/APC, SC/APC or E2000 connectors



Types: BOV...

04-04
08-08
16-16

Typical Performance Data	Unit	04-04	08-08	16-16
Center wavelength	[nm]	1310 and 1550	1310 and 1550	1310 and 1550
Bandwidth	[nm]	± 40	± 40	± 40
Configuration input:output	[dB]	4:4	8:8	16:16
Typ. insertion loss	[dB]	6.3	9.4	12.6
Max. insertion loss	[dB]	7.0	10.6	14.0
Max. uniformity	[dB]	1.4	2.1	2.8
Min. directivity	[dB]	50	50	50
Operating temperature	[°C]	-40 to +75	-40 to +75	-40 to +75