

FOV0xx-PLC

OPTICAL SPLITTER

Application

- ▶ Distribution of optical signals in
 - CATV networks
 - Passive Optical Networks (PON)
 - Local Area Networks (LAN)
 - Fiber To The Home (FTTH) systems



Features

- ▶ Wavelength flattened design
- ▶ PLC based
- ▶ For 1310 nm or 1550 nm wavelength window
- ▶ High uniformity
- ▶ Low insertion loss
- ▶ High Reliability
- ▶ Available in 19" -housing (FOV016.PLC and FOV032-PLC:1 HU, FOV064.PLC: 1 or 2 HU) and compact housing
- ▶ FC/APC, SC/APC or E2000 connectors

Type: FOV0xx-PLC

Performance Data	Unit	FOV016-PLC	FOV032-PLC	FOV064-PLC
Configuration input:output		1:16	1:32	1:64
Wavelength ranges	[nm]	1270-1350, 1510-1590	1270-1350, 1510-1590	1270-1350, 1510-1590
Typical insertion loss *)	[dB]	13.5	16.6	19.5
Maximum insertion loss *)	[dB]	13.8	17.0	19.9
Uniformity	[dB]	≤1.5	≤1.9	≤1.9
Minimum Return loss	[dB]	55	55	55
Maximum PDL	[dB]	0.3	0.3	0.3
Operating temperature	[°C]		-40 to +85	
Storage Temperature	[°C]		-40 to +85	
Humidity	[%]		0 to 90RH not condensed	
Compliance		Telcordia GR-1209-CORE, GR-1221-CORE		

*) excluding connector loss

Specifications subject to change without notice - DBc_BOV0xx-PLC_200906