

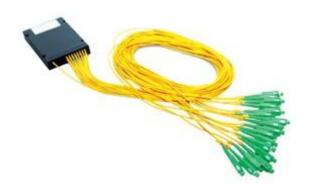
UFH8302 UFH8304 UFH8308 UFH8316 UFH8364

# **Module Type PLC Splitter SC/APC**

## **Scope of Application**

Planar Lightwave Circuits (PLC) Optical Splitter are fully passive optical branching devices that exhibit very low insertion loss and PDL, great channel uniformity and a wide wavelength operative range. There splitter are manufactured and tested to Telcordia-1209-core & GR-1221-core. Blockless PLC Splitter is the high quality passive device. It is especially for passive internet (EPON, BPON, and GPON), and different package can follow client's different inquiry.

#### **Picture**



# **Features**

Low insertion loss

Low excess loss

Low PDL

High directivity

Long haul reliability

Customer defined specifications

## **Application**

Telecommunications

Fiber in the loop

Local area network

FTTH, CATV, PON Network

Fiber optic sensing

Test instruments

















## **SPECIFICATIONS**

Operating Wavelength (nm)	1260 ~ 1650					
1×N PLC Splitter	1×2	1×4	1×8	1×16	1×32	1x64
Max. Insertion Loss (dB)	3.9	7.2	10.3	13.5	16.8	20.3
Max. Uniformity (dB)	0.6	8.0	1.0	1.4	1.6	2.0
Min. Return Loss (dB)	55					
Max. PDL (dB)	0.2	0.3	0.3	0.3	0.3	0.5

## **UFH81XX**

# **Blockless PLC Splitter SC/APC**

Input fiber color	Yellow with marker			
Input fiber color ————	2.0mm			
Output fiber color	Yellow with marker 1-X			
Output liber color	2.0mm			
Fiber Type	ITU-T G.657A1, G.657A2			
Max. Temperature Stability (dB)	0.5			
Typ. Temperature Stability	0.3			
Operation Temperature (°C)	-40~85			
Storage Temperature (°C)	-40~85			

#### Remarks:

- 1. All measurements are made at room temperature, excluding connectors. 0.3dB will be added for preconnectorized splitter.
- 2. The above specifications are checked based on both 1310nm and 1550nm.

#### **ORDER INFORMATION**

Part Number	Descriptions	Connector Type	Optical Fiber Type	Jacket Dia.
UFH83XX	Module Type PLC Splitter	SC/APC	Single-mode	2.0mm

