

HDO512 OPTICAL SPLITTER

HDO512 is an optical splitter module for HDO fibre optic CATV link. The unit has one fibre input and two fibre outputs. Fibre connectors are located at the front or the rear of the module. The module is installed into HDX installation frame.



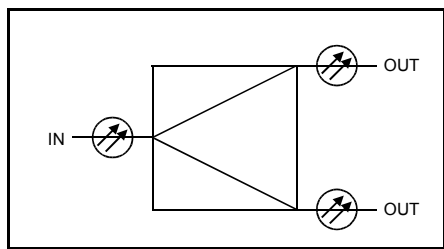
Technical specifications

Parameter	Specification	Note
Optical parameters		
Wavelength range	1310 and 1550 nm	
Band pass	±40 nm and ±40 nm	
Insertion loss		1)
- HDO512 50 for 50/50 outputs	3.6/ 3.6 dB	
- HDO512 40 for 40/60 outputs	4.7/ 2.7 dB	
- HDO512 30 for 30/70 outputs	6.0/ 1.9 dB	
- HDO512 20 for 20/80 outputs	7.9/ 1.4 dB	
- HDO512 10 for 10/90 outputs	11.0/ 0.7 dB	
Uniformity	0.8 dB	2)
Number of optical ports	3	3)
General		
Power consumption	0 W	
Optical connector	SC/APC or E-2000	
Dimensions	2U x 7HP x 380 mm	
Weight	1.5 kg	
EMC compatibility	EN 50083-2	
Operating temperature range	0...+45 °C	
Storage temperature range	-20...+60 °C	
Operating relative humidity	0...85 %	

Notes

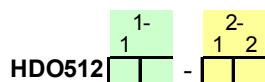
- 1) Maximum value. The value does not contain the loss of optical connectors. The typical loss of the splice of two connectors is 0.5 dB.
- 2) Maximum value.
- 3) Fibre connectors are located at the front or at the rear.

Block diagram



Ordering information

HDO512 configuration map



1-1 Optical splitter split ratio	
10	10/90 %
20	20/80 %
30	30/70 %
40	40/60 %
50	50/50 %

2-1 Fibre location	
F	Front panel
R	Rear panel

2-2 Fibre connector type	
A	SC/APC, 9 deg.
C	E-2000
D	SC/APC, 8 deg.
H	SC/APC with shutter, 8 deg.

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