

# Fiber Optic Splitter *for Optical Network*

Wideband 1310 ± 40 nm, 1490 ± 40 nm, 1550 ± 40 nm, Two or – Three-Window

## FOS- SERIES



### KEY FEATURES

Broadband operation; Premium thermal stability  
 Cost-effective; Low insertion loss and high flatness  
 1RU rack chassis mountable to standard 19" relay rack



### MAIN APPLICATIONS

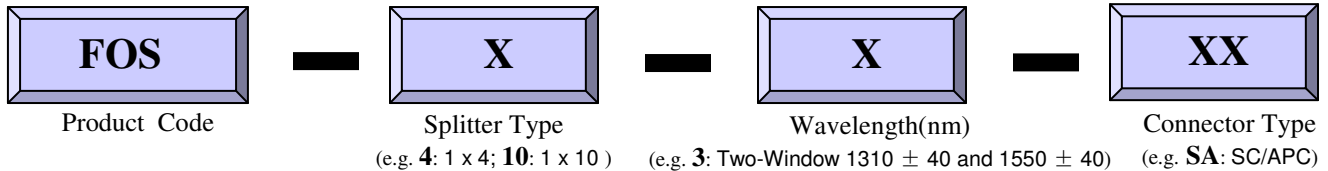
Point-to-multipoint network configurations  
 Fiber optics sensor application

### GENERAL SPECIFICATIONS

Splitter Type	1 x 2	1 x 4	1 x 6	1 x 8	1 x 10	1 x 12	1 x 16	1 x 32
Operation Wavelengths(nm)	1: 1310 ± 40; 2: 1490 ± 40; 3: 1550 ± 40; 4: Two-Window of 1 & 3; 5: Three-Window of 1, 2 & 3; (or upon special request)							
Insertion Loss(dB), typical	3.3	6.3	8.1	9.5	10.5	11.4	12.6	15.5
Insertion Loss(dB), max	4.0	7.0	9.0	10.6	12.0	13.2	14.0	17.5
Excess Loss(dB), typical	0.10	NA	NA	NA	NA	NA	NA	NA
PDL(dB)	< 0.15	< 0.30	< 0.40	< 0.45	< 0.50	< 0.50	< 0.50	< 0.50
Directivity(dB)	> 60	> 60	> 60	> 60	> 60	> 60	> 60	> 60
Uniformity(dB)	< 0.7	< 1.4	< 1.7	< 2.1	< 2.2	< 2.3	< 2.8	< 3.5
Operation Temp Range(C°)	0 ~ 65							
Storage Temp Range(C°)	- 20 ~ 70							
Humidity(%)	5 ~ 90							
Package Type	1x2: Cylindrical Tube; 1x4~6: Plastic Box; 1x8~32: 1RU Rack Chassis (or upon special request)							
Connector Type	FP: FC/UPC; FA: FC/APC; SP: SC/UPC; SA: SC/APC (or upon special request)							

*Photonik reserves the rights to change product designs and specifications at any time without notice.*

### Ordering Information:



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