

Product Information

TAP/ISOLATOR HYBRID (ITAP)



Features

- Low PDL
- Low Insertion Loss
- Excellent Uniformity
- High Directivity
- Highly Stable and Reliable

Applications

- Telecommunications
- Local Area Network (LAN)
- Passive Optical Network (PON)
- Cable TV
- Fiber sensors

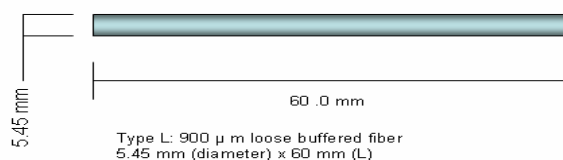
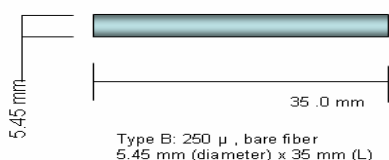
Product Performance Characteristics

Parameters	5% + Isolator		1 % + Isolator	
	Single stage	Dual stage	Single stage	Dual stage
Wavelength Band (nm)	1530~1565	1530~1580	1530~1565	1530~1580
Max. Insertion in Signal Channel (dB)	0.8	1.1	0.6	0.9
Max. Insertion in Tap Channel (dB)	14		21	
Min. Isolation in Band (dB) (@ 23°C)	30	43	30	43
Min. Return Loss (dB)	50			
Min. Directivity (dB)	55			
Max. PDL (dB)	0.1	0.15	0.1	0.15
Max. PMD (ps)	0.25	0.1	0.25	0.1
Power Handling (Max.)	300mW			
Operation Temperature	- 5°C ~ 65°C			

Special dimension upon request

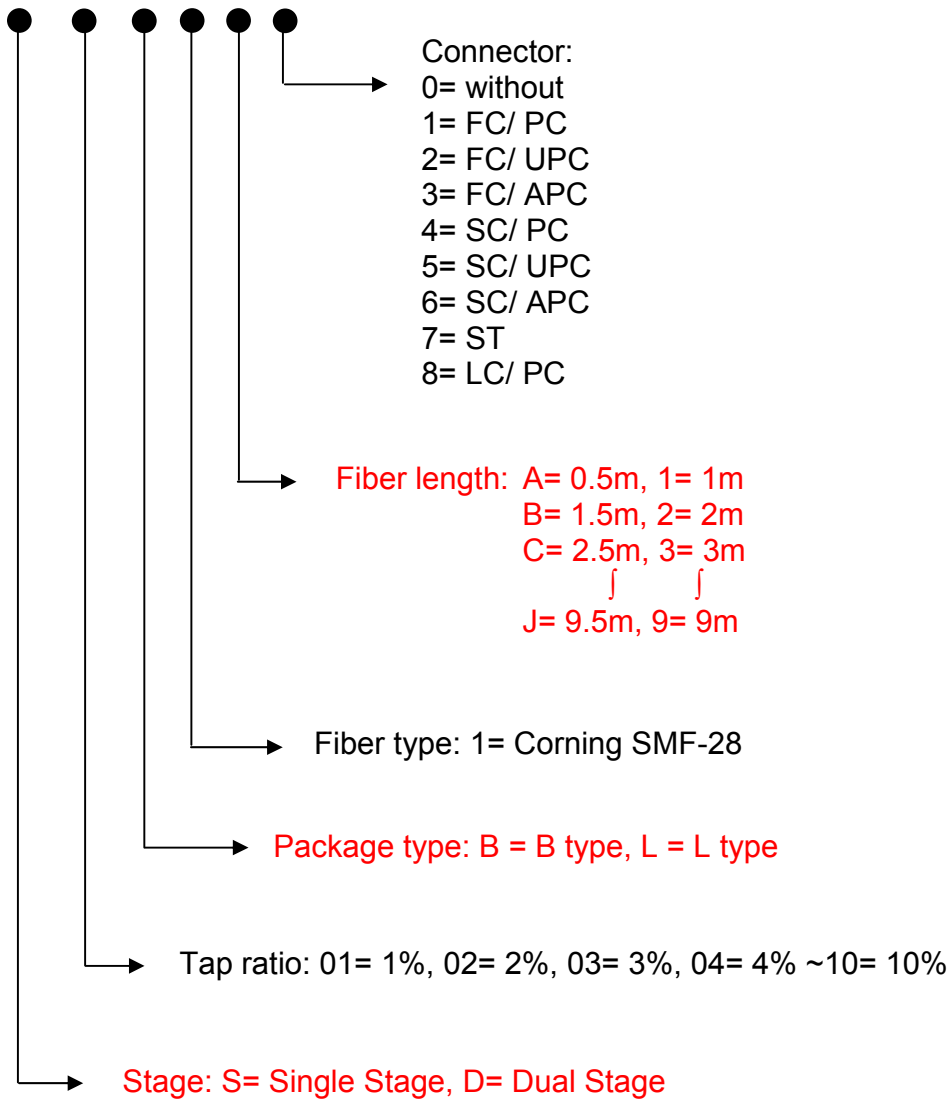
Mechanical Outline

Package type	Housing type	Dimension	Pigtail style
Type B	Steel tube	5.45 mm (Ø) x 35 mm (L)	250µm bare fiber
Type L	Steel tube	5.45 mm (Ø) x 60 mm (L)	900µm loose buffered fiber



Ordering information

ITAP-X-XX-X-X-X-X-UM



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RAYCORE Fiber Optic Solutions AB

Postal address:
PO. Box 2022
SE-131 02 Nacka - Stockholm
SWEDEN

Visiting address:
Vattenverksvägen 8
131 41 Nacka - Stockholm
SWEDEN

Contact details:
Phone: +46 (0)8 618 72 05
Fax: +46 (0)8 618 72 09
E-mail: sales@raycore-fos.com