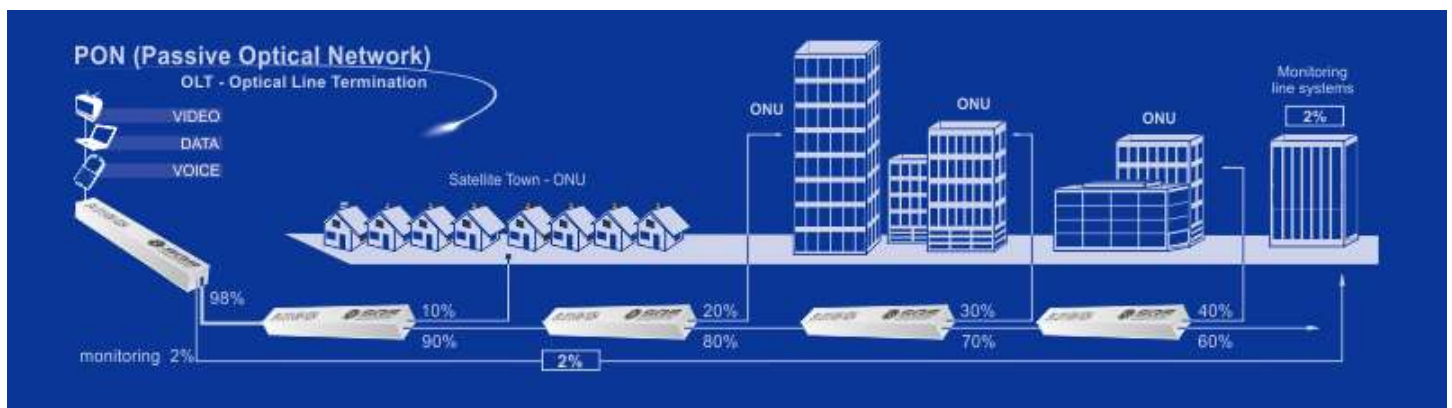


## ASYMMETRIC PLC SPLITTERS



### 1. Product description

1. Fiber Optic FBT splitter is a type of optical power management device that is fabricated using Fused Biconical Tape technology.
2. It features small size, high reliability, cheap cost and good channel-to-channel uniformity, and is widely used in PON networks to realize optical signal power splitting.
3. We provide whole series of 1xN and 2xN splitter products that are tailored for specific applications. All products meet GR-1209-CORE and GR-1221-CORE
4. We can offer both tree and star type inline couplers/splitters. They provide a reliable solution to split/combine signals. The splitting ratio ranges from 1x2 to 1x32 ports for tree couplers, and from 2x2 up to 2x32 for star couplers. Available in single, dual, and triple wavelength windows(1310/1490/1550nm).



## 2. Specifications

Parameter	Figures				
Operating wavelength (nm)	1310 or 1550, others on request				
Operating bandwidth (nm)	±15				
Grade	P	A	P	A	
Insertion loss (dB)	50/50	≤3.4	≤3.6	≤3.6	≤3.8
	40/60	≤4.4/2.6	≤4.7/2.8	≤4.6/2.7	≤4.9/2.9
	30/70	≤5.7/1.9	≤6.2/2.0	≤5.9/1.9	≤6.2/2.1
	20/80	≤7.6/1.2	≤8.0/1.3	≤7.8/1.2	≤8.2/1.4
	10/90	≤11.0/0.65	≤11.5/0.8	≤11.2/0.7	≤11.8/0.9
	5/95	≤14.2/0.4	≤14.8/0.5	≤14.5/0.45	≤15.0/0.55
	2/98	≤18.5/0.25	≤19.0/0.35	≤18.8/0.3	≤19.2/0.4
	1/99	≤21.5/0.2	≤22.0/0.3	≤21.8/0.25	≤22.2/0.35
Typical excess loss (dB)	0.1	0.15	0.15	0.25	
PDL (dB)	≤0.1	≤0.15	≤0.1	≤0.15	
Directivity (dB)	≥55				
Fiber lead length	1 meter, others on request				
Operating Temperature °C	-40 ~ +85				
Dimensions (Φ×L) mm	Φ2.4×30	Φ2.4×25	Φ2.4×22	Φ2.4×18	