

Home Fibre Distribution

Optical Splitters & Taps



An innovative range of optical taps & splitters for use in conjunction with the Home & System Fibre Solutions. The compact dimensions enable them to be fitted into confined spaces. To be used with the new "MINI" connector which has a 3mm termination making it ideal for pulling through narrow conduits. Benefiting from its small diameter and immunity to electro magnetic interference, this makes the Home & System Fibre the perfect solution.

Main Specifications

- Small 3mm connector
- Cap cover to protect the ferrule of the fibres
- Small splitters and taps
- Tree and star distribution
- Quick and easy to install
- Wide bandwidth 1260nm – 1590nm

Home Fibre Distribution SPLITTER

Fracarro code		287210	287211
Item		VOV 2 1x2 50/50	VOV 4 1x4
Maximum insertion loss	dB	<3.9	<7.8
Output uniformity	dB	<1.2	<1
Output Numbers		2	4
Operating wavelength	nm	1260 - 1650	
Optical return losses	dB	>50	
Operating temperature	°C	From -40 to +85	
Maximum input power	mW	500	

One way Home Fibre Distribution TAP

Fracarro code		287212	287213	287214
Item		VOT 7/3 1x2 70/30	VOT 8/2 1x2 80/20	VOT 9/1 1x2 90/10
Maximum insertion loss	dB	<2,1	<1,5	<0,8
Tap Loss	dB	<6,4	<8,5	<12,7
Output uniformity	dB	<0,6	<0,6	<0,6
Tap output uniformity	dB	<1,2	<1,2	<1,2
Output Numbers		1		
Operating wavelength	nm	1260 – 1650		
Optical return losses	dB	>50		
Operating temperature	°C	From -40 to +85		
Maximum input power	mW	500		

Four way Home Fibre Distribution TAP

Fracarro Code		287217	287216	287215
Item		VOT 3/4	VOT 2/3	VOT 1/2
Tap Loss	dB	<15	<13.7	<11.40
Trunk line loss	dB	<2.5	<3.1	<3.8
Output uniformity	dB		<1	
Output Numbers	no		4	
Operating wavelength	nm		1260 – 1650	
Optical return losses	dB		>55	
Operating temperature	°C		From -40° to +85	
Maximum input power	mW		500	

Pre-connectorized cables

Fracarro Code		287219	287220	287221	287222	287223
Item		PR003	PR005	PR010	PR025	PR100
Cable lenght	mt	3	5	10	25	100 (outdoor)
Fibre type		Single mode 9/125 (1310- 1550nm)				
Optical attenuation	dB/km			0,3		
Return losses	dB			>55		
Operating temperature	nm			From -40° to +85°		
Minimum bending radius	mm			>7		
Pulling strenght	n			>150		

Fracarro code	Item	Packing	EAN Code	Qty	Pictures
				Pcs	
287210	VOV 2	Single	8016978091904	1	
287211	VOV4	Single	8016978092000	1	
287212	VOT 7/3	Single	8016978091911	1	
287213	VOT 8/2	Single	8016978091928	1	
287214	VOT 9/1	Single	8016978091935	1	
287215	VOT1/2	Single	8016978091942	1	
287216	VOT 2/3	Single	8016978091959	1	
287217	VOT 3/4	Single	8016978091966	1	
287226	PR Adapt	Single Mini to SC/APC	8016978092116	1	
287219	PR003	Single	8016978092017	1	
287220	PR005	Single	8016978092024	1	
287221	PR010	Single	8016978092031	1	
287222	PR025	Single	8016978092048	1	
287223	PR100	Single	8016978092055	1	
287225	MIN/MIN	Multiple	8016978092109	10pcs	
287224	Pull Conn	Multiple	8016978092079	20pcs	
287240	SUPP VOV/VOT	Multiple	8016978092987	10pcs	

How to use passives

All passive distribution component are small and easy to install



Remove the protection cap



Insert the connector taking care of the insertion method



Remove the connector pushing the plastic adapter

