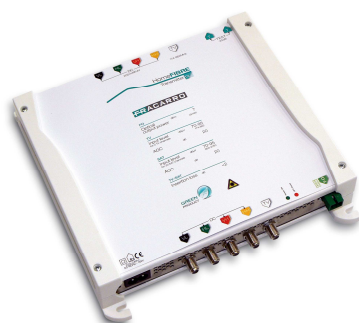


“Home Fibre” OPT TX-1510 – 1530 -1570

Transmitter 3rd window



Fracarro's innovative home fibre optic system has been designed for its simplicity of installation from the headend to the wall outlet. The system uses a conventional LNB and dish assembly requiring no special optical alignment tools. It is capable of carrying all satellite and terrestrial signals through a single 9/125 glass fibre. Additional transmitters can be cascaded using a standard 5 core co-axial back bone giving greater flexibility in system design to supply a large number of outlets.

Main Specifications

- Installation using a standard LNB and dish
- AGC on transmitters enables the use of several different diameter dishes.
- Cascadable solution similar to MSW distribution
- Up to 21dB optical distribution loss
- Quick and easy to install
- Complete terrestrial bandwidth

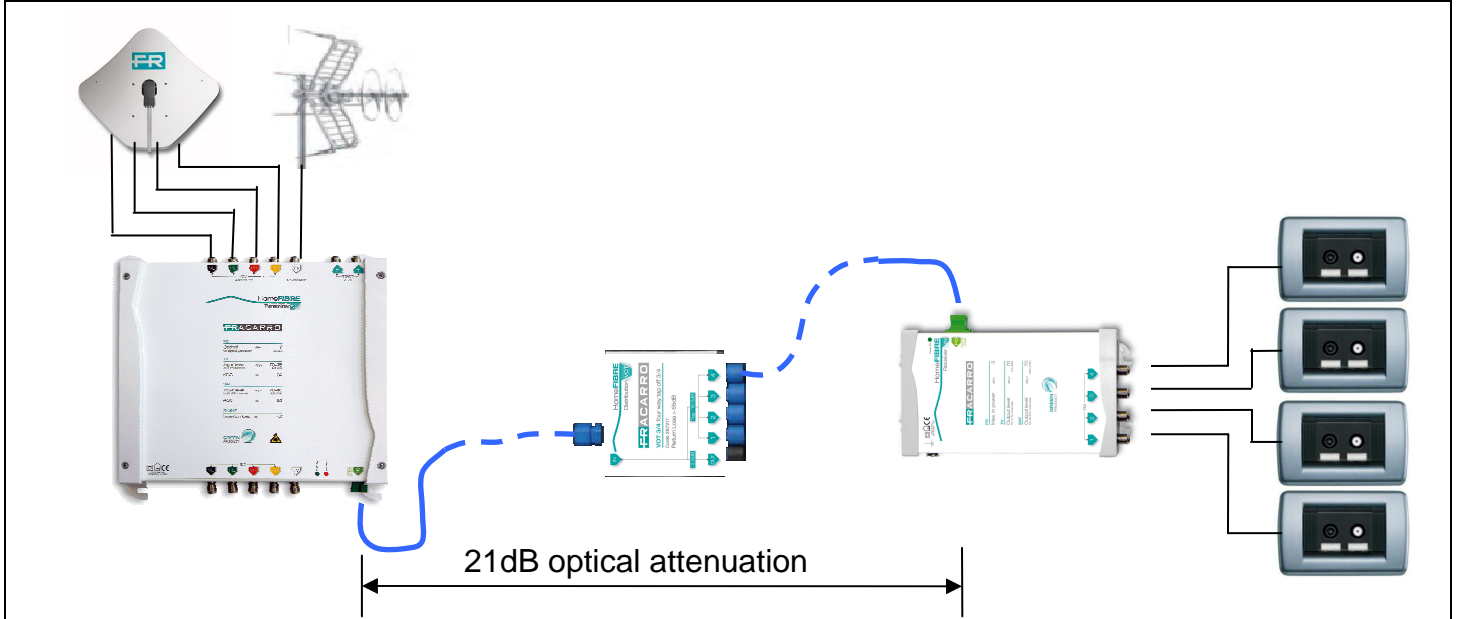
		Home fibre Transmitter OPT TX 15X0			
		OPT-TX 1510	OPT-TX1530	OPT-TX1550	OPT-TX1570
Fracarro Code		270667	270668	270669	270670
RF inputs	No		5 (4 SAT + 1TERR)		
RF outputs	No		7 (4 SAT + 1TERR + 2TEST)		
Optical output	no		1 SC/APC		
SAT Inputs					
Bandwidth	MHz		950 - 2150		
Connectors			F Female		
Input return loss	dB		10		
Trunk insertion loss	dB		<2		
Input level	dBuV		69 – 86		
TV Input					
Bandwidth	MHz		87 – 862		
Connectors			F Female		
Input return loss	dB		10		
Trunk insertion loss	dB		1		
DVB-T Input Level	dBuV		80@10ch		
FM Input Level	dB		10 less than TV		
Test Output					
Bandwidth	MHz		87 to 862 / 950 to 2150		
Connectors			F Female		
Input return loss	dB		10		
Test connector attenuation	dBuV		59 each channel		
Optical Output					
Connectors			SC/APC		
Available Wavelength	nm		1510 - 1530 – 1550 -1570		

Optical power	dBm	6.5
Optical return loss	dB	>45
Safety class		1M

Main Features		
Mains	Vac/Hz	184 - 264/50 - 60
Power consumption	W	15
Remote LNB powering	mA	200 @ 14V (4 SAT connectors)
Operating temperature	°C	-5 to +45
AGC dynamics laser modulation	dB	20
LED		Green power on Red laser extra current
Standard Conformity		CEI EN 50083-2 EN60065

Fracarro code	Item	Packaging	EAN CODE	Qty	Dimension	Net weight	Gross weight
				Pcs	mm	Kg	Kg
270667	OPT-TX 1510	Single	8016978096480	1	230x230x50	1.7	1.9
270668	OPT-TX 1530	Single	8016978096497	1	230x230x50	1.7	1.9
270669	OPT-TX 1550	Single	8016978096503	1	230x230x50	1.7	1.9
270670	OPT-TX 1570	Single	8016978096510	1	230x230x50	1.7	1.9

Installation Example



Star Installation example

