



Fibre optic convertor

FO series

art. 19-005R
FO-O20

The optical convertor receives the optical signal from the TX and retransmits it on 2 optical outputs.

It has four connectors:

- a FC/PC optical input connector;
- two FC/PC optical output connectors;
- an F connector, for power supply.

The optical convertor allows to connect up to 64 optical receivers (32 for each optical output), at a maximum distance of 10 km from the dish.

Each of these receivers will be considered as a source of TV-SAT signals that can be distributed to a maximum of 4 STB per optical receiver or to a multiswitch cascade, in the case of more complex systems.

20V power supply included.



Code Item		19-005R FO-O20
O2O		
No. optical input		1
No. optical output		2
Optical connectors		FC/PC
Power supply connector		screw F type
Optical wavelength	nm	1100 ÷ 1650
Optical input power	dBm	-12 ÷ -3
Optical output power	dBm	+7 max (for each output)
Return loss	dB	20
Type of fibre optic for wiring		single mode 9/125
Input voltage	Vdc	20
O2O dimensions (LxWxH)	mm	108x70x25
POWER SUPPLY UNIT (included)		
AC mains		100÷240V~ 0,8A, 50÷60 Hz
Delivered voltage and current		20Vcc 1,2A
Power supply dimensions (LxWxH)	mm	95x35x90
GENERAL		
Packaging dimensions (LxWxH)	mm	110x83x115
Packaging weight	Kg	0,395
Fit temperature	°C	-10 ÷ +50
Storage temperature	°C	-40 ÷ +70

Example of application

