



Optical Fiber

Full range of products to deploy optical fiber networks capable of distributing television signals in the VHF, UHF & satellite bands.

These products have been designed simplify the installation procedure and guarantee compatibility with the Televes range.

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Televes

Optical transmitter

PRODUCT RANGE

REF. DESCRIPTION

- 8674 Optical Fiber transmitter
- 8676 Optical Fiber transmitter with return path
- 5029 PSU for T03/T05

References		8674	8676
Optical output			
Laser type		MQW-DFB	MQW-DFB
Wave length	nm	1310 ± 20	1310 ± 20
Optical output power	mW	2	2
Optical output connector		SC/APC	SC/APC
RF input			
Bandwidth	MHz	47-2400	5-2400
Return losses	dB	> 11	> 11
Impedance	Ohm	75	75
Max. input level (2 tones)	dBµV	106/tone	106/tone
RF input connector		F	
Return path		no	yes
Powering		15V - 320mA	
Working temperature	°C	-10 to +45	
Dimensions	mm	35x197x163	

8676



Optical receiver

PRODUCT RANGE

REF. DESCRIPTION

- 8675 Optical Fiber receiver
- 8677 Optical Fiber receiver with return path
- 5029 PSU for T03/T05

References		8675	8677
Optical input			
Wave length	nm	1200 - 1600	1200 - 1600
Maximum optical input power	mW	2	2
Optical input connector		SC/APC	SC/APC
RF output			
Bandwidth	MHz	47 - 2400	5 - 2400
Return losses	dB	> 11	> 11
Impedance	Ohm	75	75
Max. output level (2 tones)	dBµV	108 / tone	108 / tone
RF output connector		F female	F female
Return path		no	yes
Powering		15V - 350mA	
Temperature	°C	-10 to +45	
Dimensions	mm	35x197x163	

8677



Optical splitter

PRODUCT RANGE

REF. DESCRIPTION

- 2300 Optical splitter, 2 ways
- 2301 Optical splitter, 3 ways
- 2302 Optical splitter, 4 ways

Power supply

- 5029 PSU for T03/T05 range
- PSU1

2300



References		2300	2301	2302
Wave length	nm	1310±40 / 1550±40		
Number of outputs		2	3	4
Through losses	dB	3.4	5.3	6.8
Return losses	dB	>12		
Rejection between outputs				
Fiber type		ITU-T G.652 SMF		
Temperature	°C	-40 to +85		
Dimensions	mm	35x197x163		





