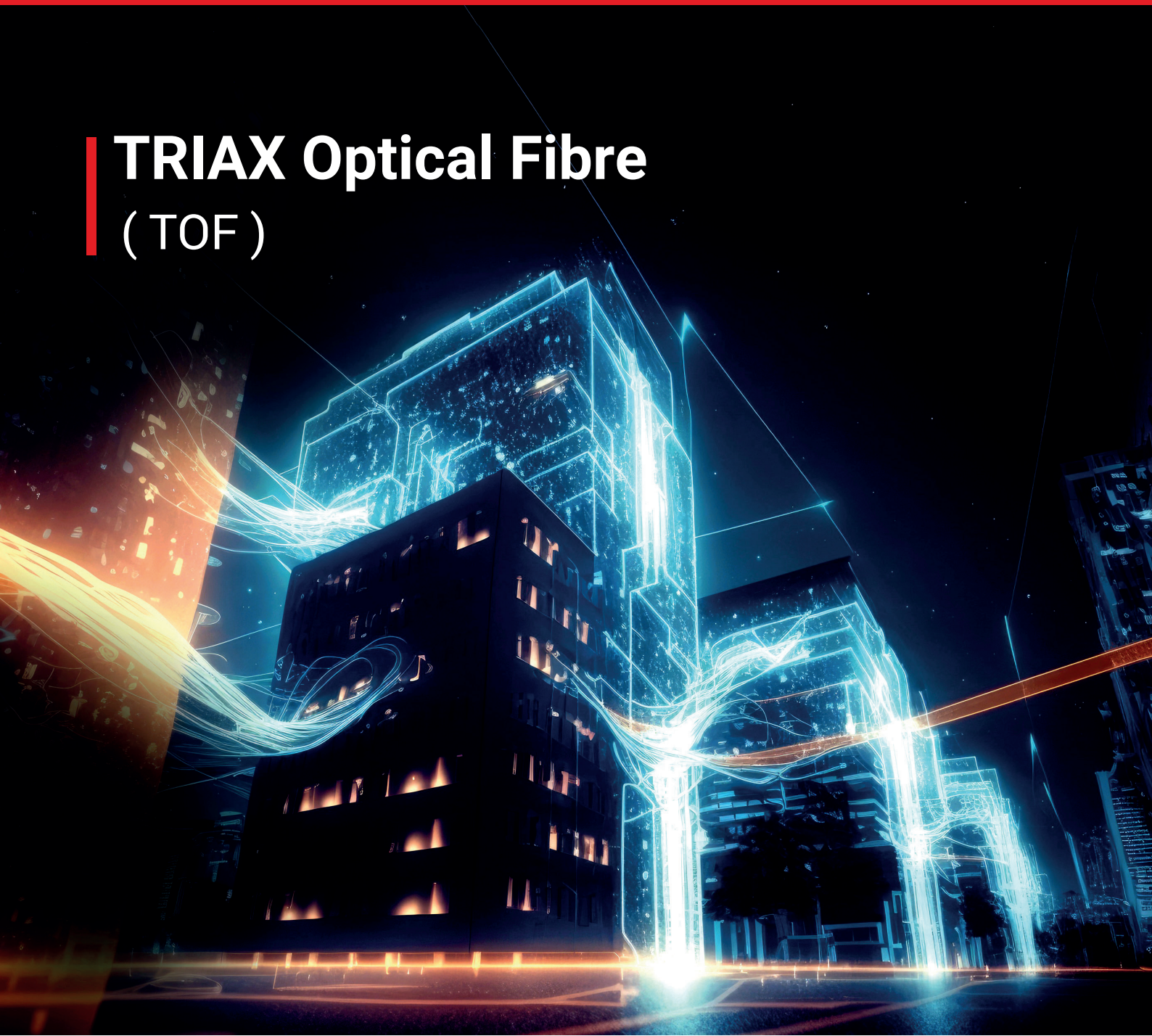




TRIAX

connecting the future

TRIAX Optical Fibre (TOF)



A Complete range of Fibre Solutions

For integrated reception systems and communal dwellings

[triax.com](https://www.triax.com)



For Satellite only
up to 128 splits

TOST - TRIAX Optical Satellite Transmitter is the core component on the headend side of the TOF (TRIAX Optical Fibre) system. This unit converts RF Wideband or Quattro SAT-IF for transmission over a PON (Passive Optical Network).

- Can be used to add a second satellite in conjunction with a TOCT (307791).
- The transmitter is an installer friendly plug-and-play solution thanks to built-in Automatic Gain Control (AGC) and Automatic Slope Control (ASC) of the RF inputs.
- The TOST consists of two separate optical transmitters 1310nm and 1330nm for wideband SAT-IF Vertical and Horizontal bands. They are combined in a WDM signal at the TOST output for transmission over single mode fibre cabling.
- The optical output signal of this headend unit can drive up to 64 optical splits directly.
- Up to 128 splits can be deployed when using the TWOC optical wideband receivers.
- Please order mains PSU adapter separately, preferred 18V/2A (318166).

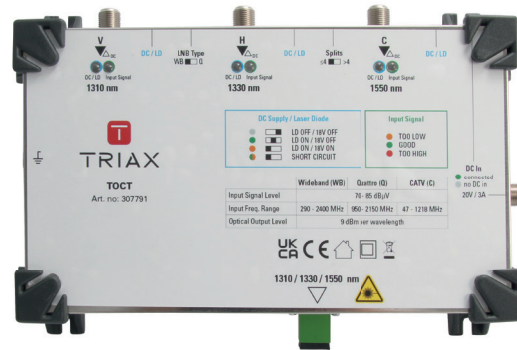
Item name:		TOST			
Art No:		307790			
		min.	type.	max.	remarks
Optical wavelength	nm	1307 1327	1310 1330	1313 1333	Laser Diode (LD) Switchable
Optical output power	dBm	8.5	9	9.5	Per wavelength
Frequency range SAT 1, SAT 2	MHz	290		2400	
Ripple	dB		±1.5		
Isolation between 1 to 2	dB	35			
Optical modulation index SAT 1 / SAT 2	%		4.0		@65 dBµV input level (ALSC controlled)
Attenuation level control Automatic gain control	dB	0	10	20	switchable range Wideband 290-2340MHz / Quattro 950-2150MHz
Slope related to wideband Automatic slope control	dB	0	5	10	
Laser type	-		DFB		
LNB power supply	V/mA	18 / max. 400			Switchable, short circuit protection
Power consumption	W	max. 30			
Dimensions (L x H x D)	mm	221 x 141 x 50			

TOCT

TRIAX Optical Combined Transmitter

Article No: 307791

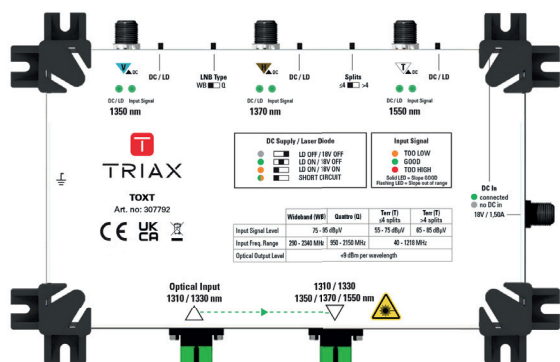
TOCT - TRIAX Optical Combined Transmitter is the core component on the headend side of the TOF (TRIAX Optical Fibre) system. This unit converts RF Wideband or Quattro SAT-IF and terrestrial FM, DAB, DVB-T or CATV services for transmission over a PON (Passive Optical Network).



For Satellite and Terrestrial up to 64 splits

- The transmitter is an installer friendly plug-and-play solution thanks to built-in Automatic Gain Control (AGC) and Automatic Slope Control (ASC) of the RF inputs.
- The TOCT consists of three separate optical transmitters 1310nm and 1330nm for wideband SAT-IF Vertical and Horizontal and 1550nm for the terrestrial RF path. They are combined in a WDM signal at the output for transmission over single mode fibre cabling.
- The optical output signal of this headend unit can drive up to 64 optical splits directly.
- Up to 128 splits can be deployed when using the TWOC or TWCT optical wideband converters.
- Terrestrial antennas have to be connected via an LTE filtered, selective pre-amplifier like the TMB 2500UK. The insertion of the Terrestrial Channel Processor TMB 2500UK (360238) before the RF inputs of the TOCT is to ensure that the SAT and TER channels are equalised to uniform RF levels.
- Please order mains PSU adapter separately, preferred 18V/2A (318166).

Item name:	TOCT				
Art No:	307791				
		min.	type.	max.	remarks
Optical wavelength	nm	1307 1327 1547	1310 1330 1550	1313 1333 1553	Laser Diode (LD) Switchable
Optical output power	dBm	8.5	9	9.5	Per wavelength
Frequency range SAT 1, SAT 2	MHz	290		2400	
Frequency range TERR	MHz	47		1218	
Ripple	dB		±1.5		
Isolation between 1 to 2 to 3	dB	35			
Optical modulation index SAT 1 / SAT 2	%		4.0		@65 dBµV input level (ALSC controlled)
Optical modulation index TERR	%		4.0		@60 dBµV input level (AGC controlled)
Attenuation level control Automatic gain control	dB	0	10	20	switchable range Wideband 290-2340MHz / Quattro 950-2150MHz
Slope related to wideband Automatic slope control	dB	0	5	10	
Laser type	-		DFB		
LNB power supply	V/mA	18 / max. 400			Switchable, short circuit protection
TERR power supply	V/mA	12 / max. 200			Switchable, short circuit protection
Power consumption	W	max. 30			
Dimensions (L x H x D)	mm	221 x 141 x 50			



2 Satellites over
a single fibre

This unit converts RF Wideband or Quattro SAT-IF and terrestrial FM, DAB, DVB-T or CATV services for transmission over a PON (Passive Optical Network). Thanks to built-in Automatic Gain Control (AGC) and Automatic Slope Control (ASC), the output signal quality is optimised for your optical distribution system (9 dBm output power). The TOXT is suited for many types of optical systems: up to 64 splits, (32 Splits for FTTH) or can be easily be extended to many more!

- 2 Wideband and 1 TERR inputs
- Frequency range: SAT: 290 - 2340 MHz (Wideband) / 950 - 2150 MHz (Quattro) / TERR: 40 - 1218 MHz
- 1 Optical output
- Wavelengths 1350 - 1370 - 1550 (1310 - 1330 from optical loopthrough)

Item name:		TOXT
Art No:		307792
RF Inputs (F-connector)	-	2 x Satellite (WB/Q) 1 x TERR
Input frequency SAT	MHz	Wideband: 290 - 2340 Quattro: 950 - 2150
Input frequency TERR	MHz	40 - 1218
Optical outputs (SC/APC)	-	1
Optical inputs (SC/APC)	-	1
Optical output wavelengths	nm	1310 -1330 (Bypass) 1350 - 1370 - 1550
Optical output power	dBm	+9 (per wavelength)
Input level SAT	dBμV	75 - 95
Input level TERR	dBμV	55 - 75 (TERR ≤4 splits) 65 - 85 (TERR >4 splits)
DC supply	V/mA	18 / 400
DC supply TERR	V/mA	12 / 200
Automatic Gain Control	dB	15
Automatic Slope Control	dB	10
Power consumption	W	27
DC input	-	18V / 2A (F-type)
Power Supply	-	Use an 18V / 2A Power Supply (Ref: 318166) Not included with product
Operating temperature range	°C	-10 to +50
Dimensions	mm	221 x 141 x 50
Weight	kg	0.8

Wideband optical receivers

TWOC and TWCT

TWOC Article No: 307773 (SAT only)

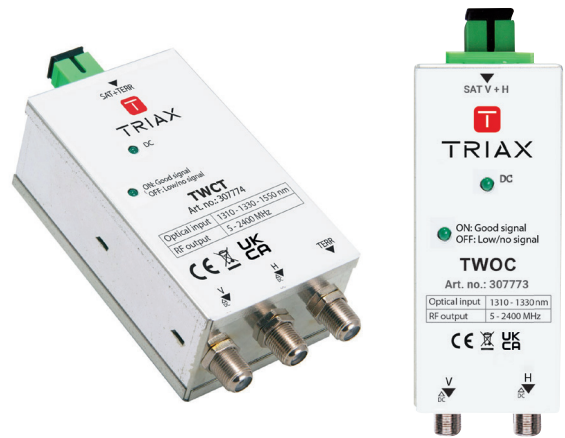
TWCT Article No: 307774 (SAT and Terr)

The TWOC has 2 Wideband outputs,
Vertical and Horizontal

The TWCT has 2 Wideband outputs, Vertical and
Horizontal and a separate Terrestrial output .

The TWCT has 2 Wideband outputs, Vertical and Horizontal
290MHz – 2340MHz and a separate Terrestrial output
5MHz – 790MHz.

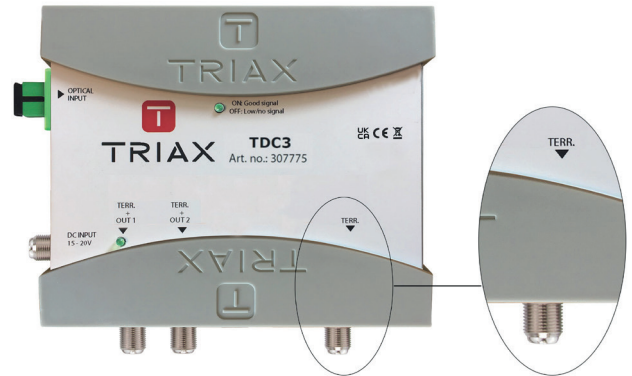
The outputs from the converter can be used with the
TdSCR switches in Wideband mode to give the option of
a 3 cable system (carrying all the services from a single
satellite position and terrestrial). Using the TWOC (carrying
the Wideband signals from a 2nd satellite position), these
can be added to the TdSCR switch to enable 2 satellite
positions over a 5 cable backbone.



Item name:		TWOC	TWCT
Art No:		307773	307774
Optical inputs	-	1	1
RF outputs	-	2	3
Optical wavelengths	nm	1310 - 1330	1310 - 1330 - 1550
Optical input Power	dBm	-15 to +4	-15 to +6
Satellite (legacy/dSCR)	dBuV	80	80
Terrestrial	dBuV	-	80
Frequency range	MHz	5 - 2400	5 - 1008 & 5 - 2400
Return Loss	dB	10	10
Indicator LED	-	Green LED Power/Quality	Green LED Power/Quality
Powering	-	Via output connectors	Via output connectors
Power consumption	W	2	3
Optical connector	-	SC/APC	SC/APC
Voltage	V	12 - 20 (via V or H port)	12 - 20 (Via V or H port)
RF Connectors	-	75 Ohm F type (Female)	75 Ohm F type (Female)
Operating temperature range	°C	-20 to +55	-20 to +55
Dimensions	mm	40 x 51 x 122	60 x 51 x 122
Weight	kg	0.110	0.165

The TDC3 has 2 dSCR/Quad outputs and a separate Terrestrial output.

The TDC3 can be used in two modes depending on the receiver connected to the outputs. It can be connected to a standard Satellite receiver with PVR function, or a Satellite receiver in SCR mode. Both of the satellite outputs carry the terrestrial services and there is also a **separate terrestrial output** on the converter.



Item name:		TDC3
Art No:		307775
Optical inputs	-	1
Optical wavelengths	nm	1310 - 1330 - 1550
Optical input Power	dBm	-14 to +4
No of outputs	-	3 (2 dSCR/Legacy/TERR. + 1 TERR.)
Terrestrial Frequency output	MHz	40 - 790
Satellite Frequency output	MHz	950 - 2150
Output level dSCR/Legacy (AGC)	dBμV	80
Output level TERR (AGC)	dBμV	70
Return Loss	dB	10
Band selection	-	DiSEqC 1.0, DiSEqC 2.0, Standard EN50494/EN50607, Sky UK Protocol, Universal LNB Voltage & Tone
Ripple	dB	+/-1
dCSS/dSCR UB's	-	2 x 16
Indicator LED's	-	Green LED Power/Quality
Powering	-	Direct or via output connectors
Power consumption	W	5
Optical connector	-	SC/APC
Voltage Via DC in	V	15 - 20 (318165 18V/1.2A sold separately)
Power supply Via output (STB)	V	12 - 20
RF Connectors	-	75 ohm, F female
Operating temperature range	°C	-20 to +55
Dimensions	mm	166 x 136 x 52
Weight	kg	0.31

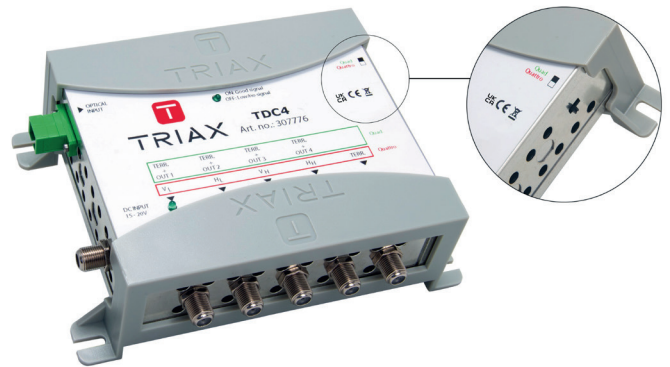
TDC4

FTTx Optical Receiver - Quad/Quattro/dSCR

Article No: 307776

The TDC4 can be switched for use as either a standard Quattro converter, or as a switch with dSCR or Quad outputs.

The TDC4 can be used in two modes at the flick of a switch. Either as a Quattro converter to give vertical and horizontal high and low bands (+ a separate terrestrial output), or as a 4 output switch with dSCR / Legacy output, combining the terrestrial signals on all 4 outputs.



Item name:		TDC4	
Art No:		307776	
		TDC4 Quattro mode	TDC4 Quad mode
Optical inputs	-	1	
RF outputs	-	5 (VL, HL, VH, HH, T)	4 (dSCR/Legacy/TERR.)
Optical wavelengths	nm	1310 / 1330 / 1550	
Terrestrial output frequency range	MHz	40 - 790	
Satellite output frequency range	MHz	950 - 2150	
Optical input level	dBm	-14 to +4	
Signal presence indicator	-	Green LED on 1310 nm LD	
dCSS/dSCR UBs	-	-	4 x 16
Output level dSCR/Legacy (AGC)	dB μ V	80	
Output level TERR (AGC)	dB μ V	75	65
Return loss	dB	10	
Input connector type	-	SC/APC	
Output connector type	-	75 ohm F type (female)	
Band and polarity selection	-	DiSEqC 1.0 (unidirectional) / DiSEqC 2.0 (bidirectional) Standard EN50494/EN50607 / SKY UK protocol Universal LNB Voltage & Tone	
Power consumption	W	8	8
Power supply via DC IN	V	15 - 20 (318165 18V/1.2A sold separately)	
Power supply via output (STB)	V	12 - 20	
Power indicator	-	Green LED	
Selection Quad or Quattro mode	-	with slide switch	
Operating temperature range	°C	-20 to +55	
Dimensions	mm	166 x 136 x 50	
Weight	kg	0.5	

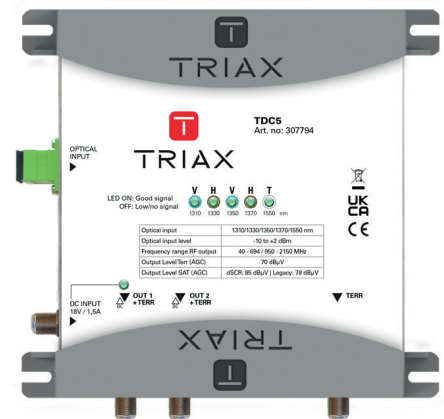
TDC5

2 SAT FTTH Optical Receiver - 2 dSCR and Terrestrial

Article No: 307794

2 SAT over a single fibre dSCR / Legacy / TERR TWIN Optical Converter with AGC RF output. Developed to help reduce the amount of PON components required for 2 SAT fibre installations in integrated reception systems.

- 5 optical wavelengths are converted to 2 x dSCR / Legacy / TERR + separate Terrestrial outputs
- Optical input level: -10 to +2 dBm
- 5 Optical wavelengths: 1310 - 1330 - 1350 - 1370 - 1550nm
- AGC on all output ports
- Signal quality indicator per wavelength
- Energy efficient
- Can be used in systems with up to 32 splits
- Power supply: Part No. 318165 (sold separately)



Item name:		TDC5
Art No:		307794
Optical inputs	-	1
RF outputs	-	2 x dSCR/Legacy/TERR + TERR
Optical wavelengths	nm	1310 -1330 -1350 - 1370 - 1550
Frequency range	MHz	40 - 694 / 950 - 2150
Optical input level	dBm	-10 to +2
Signal indicator	-	Green LED per wavelength
dCSS/dSCR UBs	-	2 x 16
Output level dSCR (AGC)	dBμV	85
Output level Legacy (AGC)	dBμV	78
Output level TERR (AGC)	dBμV	70
Return loss	dB	-8 {Typ -12}
Input connector type	-	SC/APC
Output connector type	-	75 ohm F type (female)*
Band and polarity selection	-	DiSEqC 1.0 (unidirectional) DiSEqC 2.0 (bidirectional) Standard EN50494/EN50607 SKY UK protocol Universal LNB Voltage & Tone
Power consumption	W	11
Power supply via DC IN	V	12 - 20 (318165 18V/1.2A sold separately)
Power supply via output (STB)	V	12 - 20
Power indicator	-	Green LED
Operating temperature range	°C	-10 to +55
Dimensions	mm	166 X 170 X 50
Weight	kg	0.430

* Unused ports need to be terminated with 75 Ohm DC-blocked terminator (305349, sold separately)

TWCD

FTTx Optical Receiver - Dual Wideband + Terrestrial

Article No: 307793

The TWCD converts the 1310 + 1330 + 1350 + 1370 + 1550 nm wavelengths to 2 x V/H wideband Satellite and Terrestrial signals.

For 2 Satellite distribution via TRIAX TdSCR Multiswitches (in Wideband mode) from the riser or within the apartment.

- Up to 64 passive splits
- Optical Input Level: -12 to +4 dBm
- Frequency Range: 40 - 2400 MHz
- High reception quality even with high split ratios
- Powering via V/H output (12-20V)
- AGC to all output ports
- Optical wavelengths: 1310-1330-1350-1370-1550nm
- Compatible with TRIAX TdSCR wideband Multiswitches



Item name:		TWCD
Art No:		307793
Optical inputs	-	1
RF outputs	-	Dual Wideband + TERR
Optical wavelengths	nm	1310 - 1330 - 1350 - 1370 - 1550
Frequency range TERR	MHz	40-1218
Frequency range SAT	MHz	290-2400
Optical input level	dBm	-12 to +4
Signal indicator	-	Green LED per wavelength
Output level dSCR (AGC)	dBμV	80
Return loss	dB	-8 (Typ -12)
Input connector type	-	SC/APC
Output connector type	-	75 ohm F type (female)*
Power consumption	W	5
Power supply via SAT V & H ports	V	12 - 20 (via V or H port (F-type))
Power indicator	-	Green LED
Operating temperature range	°C	-10 to +55
Dimensions	mm	166 X 136 X 50
Weight	kg	0.375

* Unused ports need to be terminated with 75 Ohm DC-blocked terminator (305349, sold separately)



Used in TOF systems to level, equalise and filter off air signals to minimise loss of signal quality in fibre systems using the -30 dB test port. The programmable Terrestrial Channel Processor is able to receive TV signals from multiple terrestrial antennas. It combines filtering, converting, level equalisation and amplifying of broadcast channels - all within a very compact unit.

- 5 antenna inputs: FM / 4xVHF/UHF
- Flex matrix with 32 filters per 1...6 MUX enables individual channel processing to any output channel
- Real-time AGC separately on all multiplexes
- 50 dB suppression of adjacent channels
- Automatic switch between LTE 700-5G and 800-4G rejection
- Slope to compensate for frequency dependent tilt of the coax cable network
- Setup locking with security code
- Switchable remote powering for pre-amplifiers 0/12/24 VDC
- SD card slot for saving and reloading individual configurations
- Desk top PSU with UK mains plug

Item name:		TMB 2500UK
Art No:		360238
MER	dB	35
Input Level - FM	dB μ V	37...77
Input Level - VHF	dB μ V	40...109
Input Level - UHF	dB μ V	40...109
Output level FM	dB μ V	113
Output level @ 60dB/IM3 - UHF	dB μ V	120

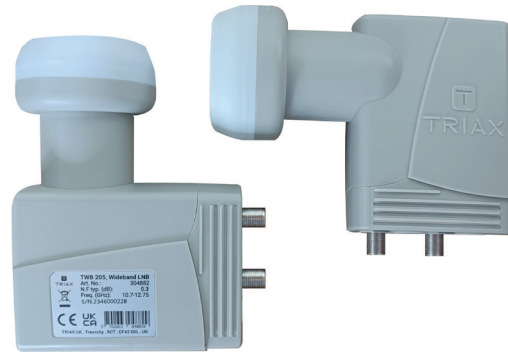
TMB 2500UK

Terrestrial Channel Processor

Article No: 360238

Item name:		TMB 2500UK
Art No:		360238
Output level @ 60dB/IM3 - VHF	dB μ V	120
Output Level VHF/UHF 1MUX	dB μ V	118
Output Level VHF/UHF 6MUX	dB μ V	114
Selectivity	MHz	50 dB/1MHz
Test Point	dB	- 30
Frequency range		
FM	MHz	88...108
DAB	MHz	174...240
VHF	MHz	174...240
UHF	MHz	470...862
Number of channels	-	> 50 by 32 filters
LTE protection	-	Auto: 694/790/OFF
Gain		
FM	dB	35
VHF	dB	75
UHF	dB	75
Slope	dB	15
Loss		
Attenuator FM	dB	0...20
Attenuator Sum Output	dB	0...20
Electrical		
Impedance	Ω	75
Operational		
AC Supply voltage	-	100...240 VAC
Power Consumption (typ.)	W	15
PSU/adaptor INFO	-	Included UK Plug (BS 1363)
Remote Voltage Preamp	V	12/24
Temperature - operating	$^{\circ}$ C	-5...50
Connectors		
Number of inputs	-	1xFM 4xVHF(DAB)/UHF
Number of outputs	-	1x FM/DAB/VHF/UHF + 1x Test port

- PLL technology
- Sliding cover to protect the 2 outputs
- Input frequency: 10.7 ~12.75 GHz
- Output frequency: 290~2340 MHz
- L.O: 10.41 GHz
- L.O stability: $\pm 1.0\text{MHz}$ @ $-40 \sim +60^\circ\text{C}$
- Conversion gain: 56 to 64 dB
- Noise figure: 0.3dB typical
- Current consumption: 80mA (max.)

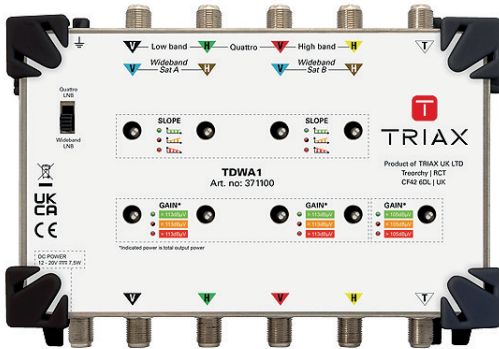


Item name:		TWB 205 Wideband LNB
Art No:		304882
Input Frequency Range	GHz	10.7 ~ 12.75
Output Frequency Range Vertical	MHz	290 ~ 2340
Output Frequency Range Horizontal	MHz	290 ~ 2340
Local Oscillator Frequency	GHz	10.41
Local Oscillator Stability	MHz	+/-0.5 (Max) @ Room Temp.
	MHz	+/-1 (Max) @ $-40^\circ\text{C} \sim +60^\circ\text{C}$
Local Oscillator Phase Noise	KHz	-50dBc/Hz@ 1kHz (Max.)
	KHz	-75dBc/Hz@ 10kHz (Max.)
	KHz	-90dBc/Hz @ 100kHz (Max.)
Noise Figure	dB	0.3dB (Typ.); 0.9dB (Max.)
Conversion Gain	dB	56 ~ 64
Gain Flatness in 26MHz Bandwidth	dB	+/-0.5 /Typ.
Gain variation	dB	7 (max.)@ full band
Cross-Pol. Isolation	dB	25 (Typ.)
Image Rejection	dB	40 (typ.)
Current Consumption	mA	80 (max.)
Power voltage	DC	12 -19V DC
Output Connector Type	-	75 Ohm female F-connector
Operating Temperature Range	$^\circ\text{C}$	$-40^\circ\text{C} \sim +60^\circ\text{C}$
Net Weight	kg	0.20
Gross Weight	kg	0.234
Dimension	mm	110 x 135

TDWA1

Dual Wideband / Quattro and Terrestrial Amplifier

Article No: 371100



Fully automatic launch and slope control

Use for 1 Satellite with Quattro (TDC 4) or 2 Satellite Wideband and Terrestrial (TWCD). The TDWA1 optimises your Quattro (950-2150 MHz) or Wideband V/H (290-2400 MHz) and Terrestrial (87-862MHz) signal in real-time. It uses Automatic Gain Control (AGC) and Automatic Slope Control (ASC).

- AGC on all lines (V/H/T) and ASC on all satellite lines (V/H)
- DC input for powering amplifier and LNB (Optional power supply 18V/2A(Part no.: 318166))
- Selectable between Wideband LNB (290 - 2400 MHz) and Quattro LNB (950 - 2150 MHz)

Item name:	TDWA1					
Art No:	371100					
Inputs	-	SAT V1	SAT H1	SAT V2	SAT H2	TERR
Outputs	-	SAT V1	SAT H1	SAT V2	SAT H2	TERR
Frequency range	MHz	290 - 2400 (Wideband) 950 - 2150 (Universal)				87 - 862
Gain	dB	10 - 30				5 - 25
Noise figure	dB	5				
Gain adjustment	dB	20 (Automatic Gain Control)				
Slope adjustment	dB	15 (Automatic Slope Control)				-
Output level	dBμV	113				105
Consumption	-	400 mA max. from 12-20 VDC external power supply or input / output				
Power consumption	W	9				
Dimensions	mm	129 x 140 x 51				
Weight	kg	0.375				

* Unused ports need to be terminated with 75 Ohm DC-blocked terminator (305349, sold separately)



1.2A PSU

Article No: 318165

- PSU 100-240V AC 50/60Hz to 18V DC 1.2A, Plug-top type, UK socket
- Delivers 18V DC to your FTTH Optical Receiver
- Can be used with TDC3, TDC4, TDC5



2A PSU

Article No: 318166

- PSU 100-240V AC 50/60Hz to 18V DC 2A, UK socket
- Delivers 18V DC to your TOF Optical Transmitters
- Can be used with TOST, TOCT, TOXT

Item name:		1.2A PSU	2A PSU
Art No:		318165	318166
Operational			
AC Supply voltage	VAC	100...240	100...240
PSU output DC voltage	V	18	18
PSU output max. DC current	mA	1200	2000
Control LEDs	-	-	Green LED (Power)
Connectors			
Power connector	-	UK mains plug	UK mains plug
Connector Type	-	F-male	F-male
Connector DC	mm	1800 ± 50mm DC lead length	1830 ± 50mm DC lead length 1800mm Mains cord length

TOS SC

TRIAx Optical Splitters with SC/APC connectors

- Single mode couplers using PLC (Planar Lightwave Circuit) technology
- Enclosed in plastic cassettes



Item name:	TOS 02 SC	TOS 03 SC	TOS 04 SC	TOS 08 SC	TOS 16 SC	TOS 32 SC
Art No:	307902	307903	307904	307905	307906	307907

SC/APC terminated, balanced couplers						
No. of inputs		1	1	1	1	1
No. of outputs		2	3	4	8	16
Connection		SC/APC	SC/APC	SC/APC	SC/APC	SC/APC
Technology		PLC	PLC	PLC	PLC	PLC
Coupling ratio	%	50/50	33/33/33	4x25	8x12.5	16x6.25
Through Loss	dB	3.8	5.6	7.1	10.2	13.5
Wavelength	nm	1260...1650	1260...1650	1260...1650	1260...1650	1260...1650





TOS

Fibre Distribution Cabinets

Distribution Cabinet for TRIAX TOS xx SC PLC splitters with splice trays to manage pigtails and a cable management system for trunk and drop fibre cables.

Can be used for distribution of fibre optic access networks or sub-distribution points indoor and outdoor.

- IP65 rated, flame retardant, ageing and UV resistant plastic enclosure
- Lockable cabinet door
- Suitable for wall or pole mounting
- Bi-layer internal tray structure with a bottom layer for splices and cable management and a hinged upper layer for splitters and distribution
- Supplied with a cable gland for sealed cable egress

TOS – Cab16 (307910)

- Slot for max. 1:16 or 2 x 1:2, 1:4, 1:8 splitter cassettes (max. splitting 16)
- 2 splice trays

TOS – Cab32 (307911)

- Slot for max. 2 x 1:16 or 4 x 1:2, 1:4, 1:8 splitter cassettes (max. splitting 32)
- 2 splice trays

TOS – Cab64 (307909)

- Slot for max. 2 x 1:32 or 4 x 1:16 or 8 x 1:8 splitter cassettes (max. splitting 64)
- 2 splice trays



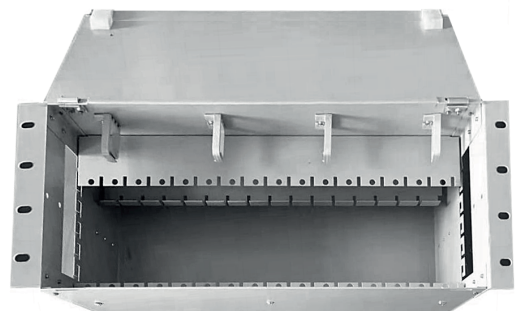
RACK 19"

3HU distribution box for TRIAX Optical Splitters

Article No: 307912

Distribution box for TRIAX Optical Splitters. Can be installed in 19-inch standard integrated distribution cabinets, network cabinets or open racks.

- 19" standard size design
- Compact structure
- Convenient installation
- Standard 3U height size
- Can be widely used in distribution subsystems in PON networks
- Can accommodate up to 16 x 1:8 splitters or 8 x 1:16 or 4 x 1:32 splitters



Fibre Optic Patch Cords

SC/APC pre-terminated

- TSC fibre optic drop cable
- Using single mode fibre G 625D, 9/125µm
- LSZH jacket
- Preferred for indoor installations in cable ducts and cabinets

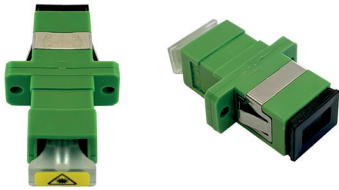


Item name:	TSC 01	TSC 02	TSC 05	TSC 10	TSC 20	TSC 30	TSC 50	TSC 75	TSC 100
Art No:	307010	307011	307012	307013	307014	307015	307016	307017	307018
Connector Type EN	SC/APC	SC/APC	SC/APC	SC/APC	SC/APC	SC/APC	SC/APC	SC/APC	SC/APC
Optical Attenuation 1310/1550 dB/km	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Wavelength nm	1310 - 1550	1310 - 1550	1310 - 1550	1310 - 1550	1310 - 1550	1310 - 1550	1310 - 1550	1310 - 1550	1310 - 1550
Jacket – dimension mm	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Minimum bending radius mm	50	50	50	50	50	50	50	50	50
Cable length m	1	2	5	10	20	30	50	75	100

SC/APC Coupler

Article No: 307749

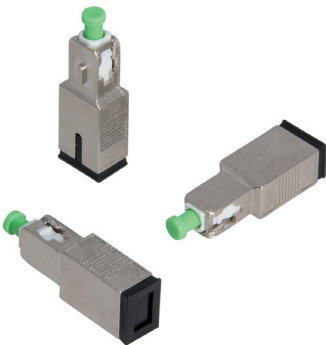
For joining SC/APC pre-terminated cables

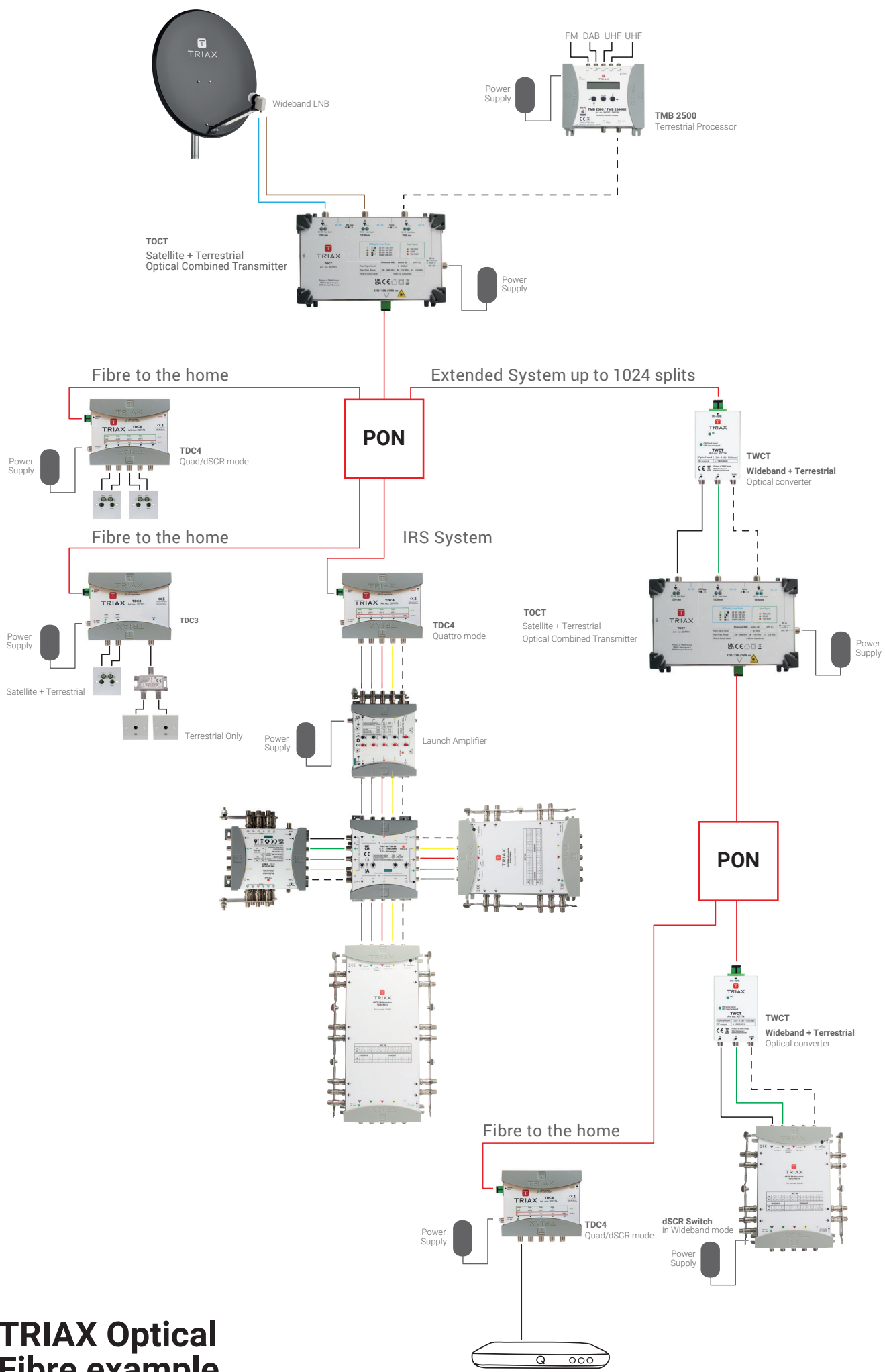


Optical Attenuators

SC/APC

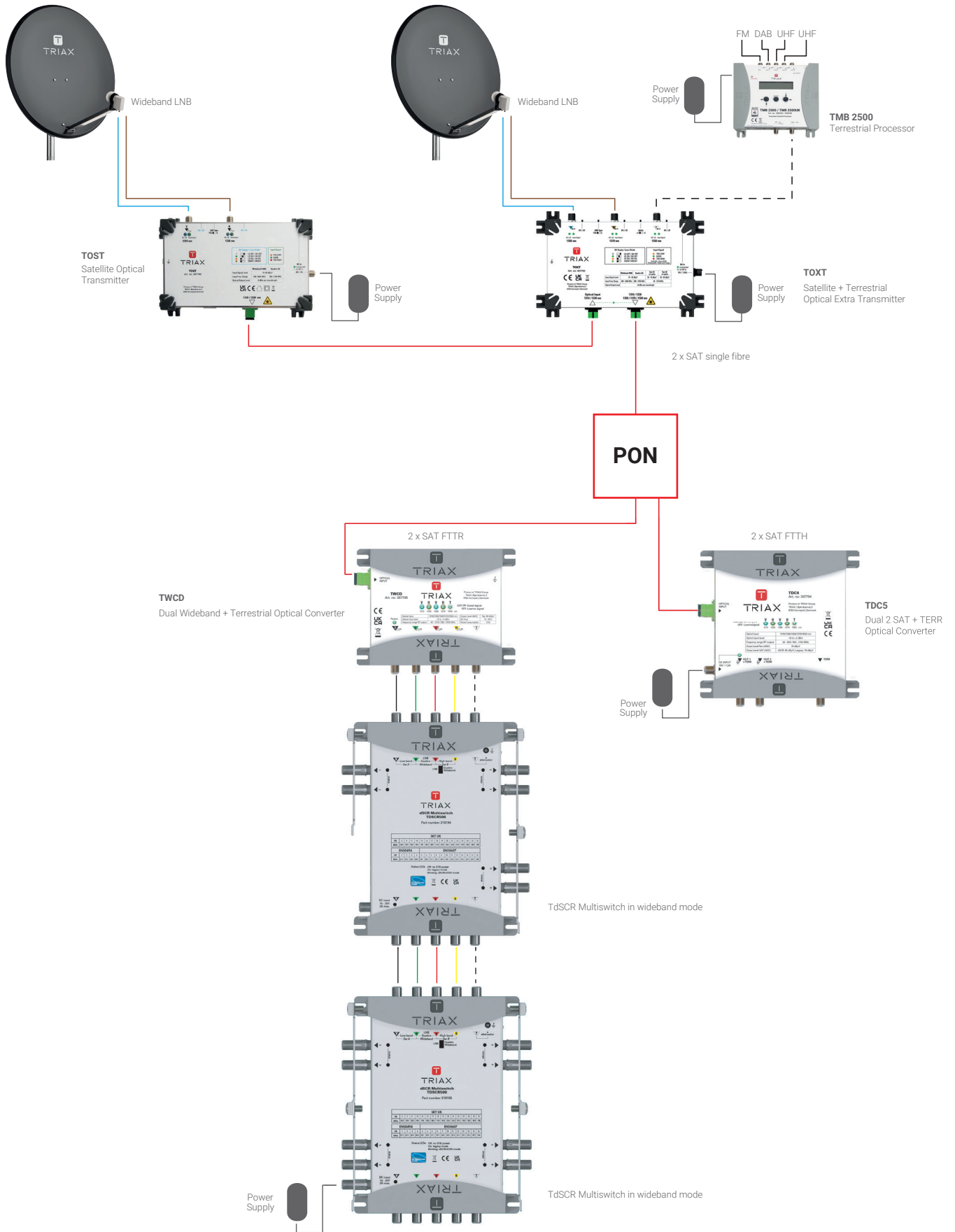
Item name:	TFA 03 SC/APC	TFA 05 SC/APC	TFA 10 SC/APC
Art No:	307001	307002	307003
Attenuators			
Description	Optical attenuator	Optical attenuator	Optical attenuator
Attenuation dB	3	5	10





TRIAX Optical Fibre example

1 SAT-Position + DTT/DAB/FM



TRIAX Optical Fibre example

2 SAT-Position + DTT/DAB/FM over a single fibre



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Our Products are used in homes, businesses and operator networks by broadcasters, satellite, cable and telecom operators.

Our Solutions combine our hardware and software expertise to deliver value to hospitality and related markets, through a partner network of system integrators, large installers and operators.

TRIAX headquarters are based in Wales, UK, subsidiary office in Dubai, UAE and R&D in Denmark.

The company operates through a dedicated partner network of global distributors.

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