

## The Single SAT optic distribution 'couple'



**BFT-44 optical Transmitter** → **and its counterpart** → **BFR-44 optical Receiver**

- Transmitter in outdoor Die cast chassis
- 4- fibre solution for longer distances
- Works with a standard Quattro LNB
- Low power consumption
- LNB powering ON/OFF selectable
- 950-2150MHz, adjustable levels @ both sides
- Professional RF designed for DVB IPTV and Digital Head-Ends
- Quad & Quattro LNB support with 13V 18V 22Khz
- C Band Q Band Ku/L Band compatible
- Different IF Signal Inputs per polarity possible
- Long life approved
- 20 dB Attenuator for each polarity input - adjustable
- Amplifier & AGC inbuilt, Automatic or manual gain adjustment
- Transmitter: 2mW ... 5 mW Laser (optional others available)
- Receiver: Max optical input power should be 2mW (3dBm)

### Technical specifications

Transmitter BTR-44:		Receiver BFR-44:	
Chassis	Outdoor DieCast	Chassis	Indoor
Input	4 F Connector 75 Ohm	Input	4 Optical SC/APC
Output	4 Optical SC/APC	Output	4 F-connector 75 Ohm
SAT	950-2150 MHz		
Attenuator/adjustment	20dB		
Optical Wavelength	1310nm		
Optical Output Power	2mW - 5mW	Optical max input power	2mW
Maximum SAT Input	80±20dbm	IF Output level max.	90dBµV
Operating temperature	-40...+85°C		
Operating voltage	18VDC 2A		
Dimensions	195x130x40 mm		
Weight	625 g		

The BLANKOM optical SAT-transmission pair of devices is a high-performance BLANKOM BFT-44 (4x fibre transmitter) to BFR-44 /4x (Fibre receiver) combination for reasonable prices. It allows to bridge long distances i.e. for up to 4km a distribution of a single SAT position and equipped dish with a standard Quattro LNB to serve this 4 polarisation (VL VH HL HH) SAT-IF signals to a SAT – Multiswitch like the BRS-0512C cascaded or any other SAT Matrix like our BMM-1716 by using 4 of these couples as a 4 SAT-Position distribution over 16 fibre. Higher integrated and combined versions in 19" available soon.

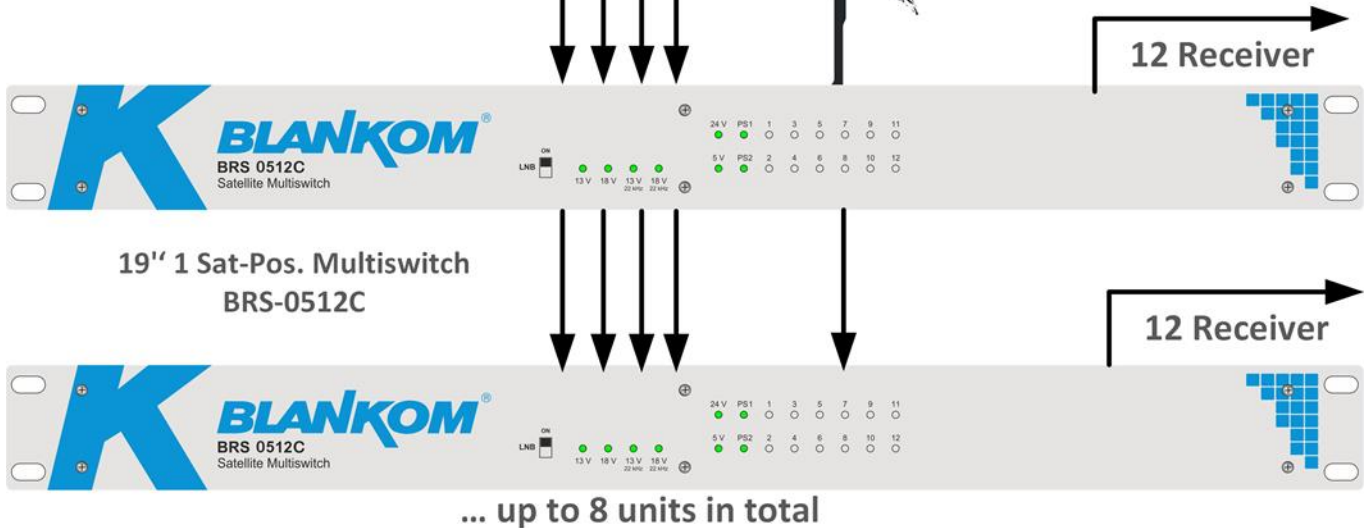
Application Example  
1 SAT position via 4 optic fibre to a 19" Headend - Rack

Standard Quattro LNB

BFT-44  
4x optical Transmitter outdoor

Long distance 4x fibre

BFR-44  
4x optical receiver



Or to corresponding products like:

