DATA SHEET

Code: TR-16/RACK

VIDEO BALUN **TR-16/RACK**

The TR-16/RACK is designed to video signal transmission via twisted-pair cable. The device adapts the impedance of coaxial cable 75Ω to the impedance of symmetrical line, ensuring transmission of video signal up to 400m (twisted-pair cable category 5) and eliminates asymmetric interferences.
Two devices must be used to build a complete channel for signal transmission. It is important to pay attention to linking the adequate terminals: (+) and (-). Reverse connection would cause distortion of image.

Standard:	• AHD - 8 Mpx 4K UHD, • HD-CVI - 8 Mpx 4K UHD, • HD-TVI - 8 Mpx 4K UHD, • CVBS - PAL, NTSC
Device type:	Passive
Number of channels:	16 pcs Video
Video transmission range:	• 250 m @ 720p - UTP cat. 5e • 150 m @ 1080p - UTP cat. 5e • 400 m @ CVBS - PAL, NTSC - UTP cat. 5e
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
Attenuation:	• 4.43 MHz @ 0.71 dB • 11 MHz @ 1.26 dB • 21 MHz @ 1.89 dB • 38 MHz @ 4.00 dB • 42 MHz @ 4.59 dB • 67.5 MHz @ 4.41 dB
Isolation between inputs:	> -50 dB
Housing type:	19 " 1 U
CMRR (dB @ 5MHz):	50 dB
Coaxial socket impedance:	75 Ω
Symmetrical socket impedance:	100 Ω
Coaxial socket type:	16 x BNC Socket
Symmetrical socket type:	4 x RJ-45 (8-pin, 4 pairs) Socket
Operation temp:	-50 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	1.143 kg

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Dimensions:	483 x 130 x 44 mm
Guarantee:	**3 years**
Manufacturer / Brand:	DELTA

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