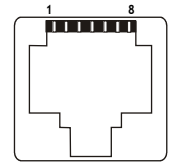


# VIDEO TRANSFORMER TR-16 RACK

TR-16 RACK is designed for video signal transmission from 16 different cameras via twisted-pair cables. The device adapts the impedance of a coaxial cable  $75\Omega$  to the impedance of twisted-pair cable ensuring video signal transmission over a distance up to 400 m. TR-16 RACK is a passive device (doesn't require any power supply). Two devices are needed for building the complete video-transmission system.

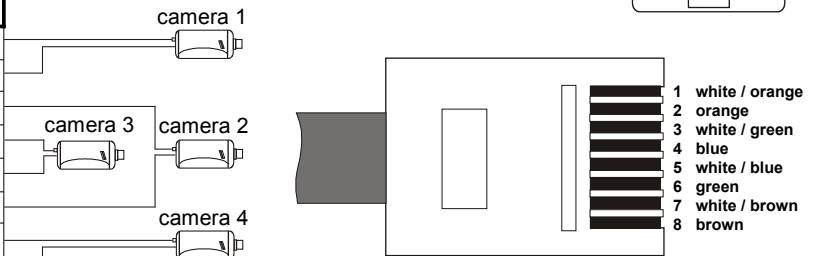
## SPECIFICATIONS:

Maximum distance	400 meters
In / out voltage range $75\Omega$ (CVBS)	1Vpp
Video insertion loss	-0,5dB (@ f=5MHz)
Video bandwidth	0-50MHz (-3dB)
Inputs separation	> -50dB
CMRR (dB @ 5MHz)	50dB
Coaxial cable in / out impedance	$75\Omega$
Twisted-pair cable in / out impedance	$100\Omega$
Coaxial cable in / out socket type	16 x BNC female
Twisted-pair cable in / out socket type	4 x RJ-45 (8-pins, 4 pairs)
Working temperature / relative humidity	-50..+55°C / <95%
Case type	RACK 19", 1U
Dimensions (W x L x H) / weight	483 x 130 x 44mm / 1143g



Wiring sequence inside the RJ-45 plug. T568B norm.

Pin No.	Colour	Application
1	White / Orange	Camera No.1 (+) signal
2	Orange	Camera No.1 (-) signal
3	White / Green	Camera No.2 (+) signal
4	Blue	Camera No.3 (-) signal
5	White / Blue	Camera No.3 (+) signal
6	Green	Camera No.2 (-) signal
7	White / Brown	Camera No.4 (+) signal
8	Brown	Camera No.4 (-) signal



## Schematic diagrams:

