

T E C H N I C A L D A T A
CARRIER FREQUENCY TRANSFORMER TFLÜ 525
(without shielding)

The carrier frequency transformer type TFLÜ 525 will be needed for offices to match their image impedance of 150Ω with the characteristic impedance of trunk cables (ca. 130Ω) or with the characteristic impedance of symmetrical cables within the frequency range of 6 - 252 kHz in astral stranding (ca. 174Ω)

Resistance transmission ratio	:	150 : 130 / 174 Ohm ± 2 %	
Frequency range	:	6 - 252 kHz	
Transmission loss	:	≤ 0,45 dB	
Reflection coefficient	:	≤ 5 %	
Unbalance loss	:	> 26 dB	
Winding balance	:	at 6 kHz: ≥ 74 dB at 252kHz: ≥ 52 dB	
Test voltage	:	6 kVeff / 50 Hz	2,5 kVeff / 50 Hz
Model	:	01	01
Drawing No.	:	WS 40111	WS 40102
Article No.	:	304964	304930

Technical modifications reserved

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