



**Purpose**  
 The directional coupler ER 20 is an optionally available adapter for the ELQ 2 and ELQ 2+ test sets. ER 20 enables measurements on active lines without disturbing the signal flow between the modems at ATU – R and ATU – C.

**Specifications**

Frequency range .....	4 to 2200 kHz
Impedance .....	100 to 150 Ohm
Connectors .....	3-pol TF Sockets
<b>Attenuation</b>	
between <b>INPUT</b> and <b>OUTPUT</b> .....	0.2 ±0.1 dB
between <b>INPUT</b> and <b>INSTRUMENT</b>	
20 to 2200 kHz .....	14 +0/-0.3 dB
4 to 20 kHz .....	14 +0.2/-0.3 dB
Weight .....	ca. 0.15 kg
Dimensions .....	75 x 65 x 45 mm

**Ordering Information**

<b>Directional Coupler ER 20</b> .....	430-000-000
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