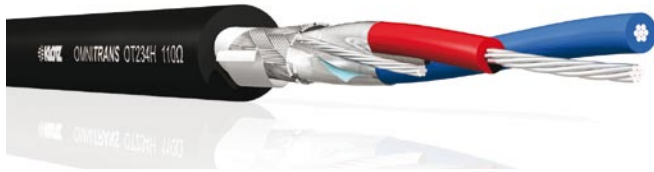


110 Ω balanced

**OT234H**

**OmniTRANS - Low Loss Digital Installation Cable**

- 0.34 mm<sup>2</sup> conductor cross section (AWG 22)
- double shielded (AL foil + braid)
- Flame Retardant and Non-Corrosive (FRNC)



Wiring / Installation

<b>Conductor</b>	<b>stranded tinned copper, 7 x 0.25 mm</b>
<b>Cross Section</b>	<b>0.34 mm<sup>2</sup></b>
<b>Insulation</b>	<b>Foam-Skin PE</b>
<b>Shielding</b>	<b>AL/PETP-foil + tinned stranded drain wire + tinned copper braid (coverage 85%)</b>
<b>Overall Jacket</b>	<b>FRNC</b>
<b>Overall Diameter</b>	<b>5.8 mm</b>

Leiteraufbau	verzinnte Cu-Litze, 7 x 0,25 mm
Leiterquerschnitt	0,34 mm <sup>2</sup>
Isolation	Foam-Skin PE
Abschirmung	AL/PETP-Folie + verzinnte Cu-Beilauflitze + verzinntes Cu-Geflecht (Bedeckung 85%)
Außenmantel	FRNC
Außendurchmesser	5,8 mm

<b>Min. Bending Radius</b>	<b>35 mm</b>
<b>Working Temperature</b>	<b>-30 °C / +70 °C</b>
<b>Halogen-Free</b>	<b>IEC 60754-2</b>
<b>Flame Retardancy</b>	<b>IEC 60332-1</b>

Min. Biegeradius	35 mm
Betriebstemperatur	-30 °C / +70 °C
Halogenfrei	IEC 60754-2
Flammwidrigkeit	IEC 60332-1

<b>Conductor Resistance</b>	<b>&lt; 55 Ω/km</b>
<b>Capacitance</b>	<b>44 pF/m</b>
<b>Characteristic Impedance</b>	<b>110 Ω</b>
<b>Attenuation [dB/100m]</b>	
<b>1 MHz</b>	<b>1.8</b>
<b>3 MHz</b>	<b>3.2</b>
<b>10 MHz</b>	<b>5.4</b>
<b>Insulation Resistance</b>	<b>&gt; 10 GΩ x km</b>
<b>Test Voltage</b>	
<b>Cond./Cond.</b>	<b>1200 V</b>
<b>Cond./Shield</b>	<b>500 V</b>

Leiterwiderstand	< 55 Ω/km
Kapazität	44 pF/m
Wellenwiderstand	110 Ω
Dämpfung [dB/100m]	
1 MHz	1,8
3 MHz	3,2
10 MHz	5,4
Isolationswiderstand	> 10 GΩ x km
Prüfspannung	
Ader/Ader	1200 V
Ader/Schirm	500 V

■ black

Order Code Bestell-Nr.	Colour Farbe	Weight Gewicht	Standard / Length [m] Standard / Längen [m]	Max. Length / Reel Max. Länge / Spule
OT234H	black	45 g/m	100 / 500	3000 m