

110Ω balanced

**OX22CH..**



**OmniFIX - Triple Shield - 0.22 mm<sup>2</sup> - 110 Ω - OX22CH..**



- 0,22 mm<sup>2</sup> (AWG24/7) stranded tinned copper
- pair shield + double overall shield (foil + braid)
- compact construction due to pair jackets from TPE
- Flame Retardant and Non-Corrosive (FRNC - bundle test Category C)

	<b>Conductor</b>	stranded tinned copper, 7 x 0,20 mm
	<b>Cross Section</b>	0,22 mm <sup>2</sup>
	<b>Insulation</b>	Foam-Skin PE white & blue
	<b>Pair Shielding</b>	stranded tinned copper drain wire + AL/PETP foil
	<b>Pair Jacket</b>	TPE-E, silver-grey, numbered
	<b>Overall Shield</b>	AL/PETP-foil + tinned stranded drain wire + tinned copper braid (coverage > 85%)
	<b>Overall Jacket</b>	FRNC
	<b>Min. Bending Radius</b>	10 x overall diameter
	<b>Working Temperature</b>	-30 °C / +70 °C
	<b>Halogen-Free</b>	acc. to IEC 60754-2
	<b>Flame Retardant</b>	acc. to IEC 60332-3-24

Leiteraufbau	verzinnete Cu-Litze, 7 x 0,20 mm
Leiterquerschnitt	0,22 mm <sup>2</sup>
Isolation	Foam-Skin PE weiß & blau
Paarschirm	verzinnete Cu-Beilauflitze + AL/PETP-Folie
Paarmantel	TPE-E, silbergrau, nummeriert
Gesamtschirm	AL/PETP-Folie + verzinnete Cu-Beilauflitze + verzinnertes Cu-Geflecht (Bedeckung > 85%)
Außenmantel	FRNC
Min. Biegeradius	10 x Außendurchmesser
Betriebstemperatur	-30 °C / +70 °C
Halogenfrei	nach VDE 0482-Teil 267-2 und IEC 60754-2
Flammwidrig	nach VDE 0482-Teil 266-2-4 / Prüftart C und IEC 60332-3-24

	<b>Conductor Resistance</b>	< 85 Ω/km
	<b>Capacitance</b>	47 pF/m
	<b>Characteristic Impedance</b>	110 Ω
	<b>Attenuation [dB/100m]</b>	
	1 MHz	2.3
	3 MHz	3.9
	10 MHz	6.9
	<b>Crosstalk Attenuation</b>	
	15 kHz	> 100 dB
	10 MHz	> 60 dB
	<b>Insulation Resistance</b>	> 30 GΩ x km
	<b>Test Voltage</b>	
	<b>Cond./Cond.</b>	1200 V
	<b>Cond./Shield</b>	500 V

Leiterwiderstand	< 85 Ω/km
Kapazität	47 pF/m
Wellenwiderstand	110 Ω
Dämpfung [dB/100m]	
1 MHz	2.3
3 MHz	3.9
10 MHz	6.9
Nebensprechdämpfung	
15 kHz	> 100 dB
10 MHz	> 60 dB
Isolationswiderstand	> 30 GΩ x km
Prüfspannung	
Ader/Ader	1200 V
Ader/Schirm	500 V

■ silver-grey

Order Code Bestell-Nr.	Number of Pairs Paarzahl	Outer Ø Außen Ø	Heat of Combustion Brandlast	Colour Farbe	Weight Gewicht	Standard Length Standardlängen	Max. Length / Reel Max. Länge / Spule
OX22CH02	2	9,6 mm	426 kWh/km	silver-grey	104 g/m	–	1000 m
OX22CH04	4	11,0 mm	459 kWh/km	silver-grey	139 g/m	–	1000 m
OX22CH08	8	14,0 mm	703 kWh/km	silver-grey	220 g/m	–	1000 m
OX22CH12	12	17,2 mm	1035 kWh/km	silver-grey	314 g/m	–	700 m
OX22CH16	16	19,7 mm	1420 kWh/km	silver-grey	421 g/m	–	500 m