

TCX® (C) 150/250 (300) V

INSTRUMENTATION, CONTROL and COMMUNICATION CABLES

Beskrivelse

Application

TCX® (C) type is used on board of ships for fixed installations complying with IEC standards 60092-352.

TCX® (C) type withstands the IEC 60332-3-22 fire test on bunched cables and performs to the SOLAS requirements.

Design

All materials used to produce this cable are halogen free. This design ensures that non corrosive and low toxic gases are emitted in case of fire. Therefore, this cable type is especially designed for installations on passenger ships, on Mega Yachts as on other commercial vessels.

1. **Conductor**
Stranded bare copper
Class 2
2. **Insulation**
XLPE (cross-linked polyethylene)
3. **Inner covering**
Polyester tape
4. **Armouring**
Bare copper braid
5. **Outer sheath**
Polyolefin SHF1 (SHF2 on request)
Colour : grey

Standarder

International IEC 60092-350;
IEC 60092-360; IEC 60092-376;
IEC 60298; IEC 60332-1;
IEC 60332-3-22; IEC 60754-1;
IEC 60754-2; IEC 61034



Core identification

Pair: white / blue

Triple: white / blue / red

Marking

I NEXANS I TCX (C) "n" P or T "s" mm² 150/250V 90°C

IEC 60092-376 IEC 60332-3-22 Cat.A "CE" ww/yy +metric marking



Halogen fri
IEC 60754-1



Leder
fleksibilitet
Stranded
clase 2



Mærkespænding
Uo/U
150 / 250 (300) V



Brandhæmmend
e
IEC 60332-3
Cat.A



Giftig røg
Nej



Røg tæthed
IEC 61034



Korrosive
gasser
IEC 60754-2



Electro-magnetisk
interferens modstand
Ja

TCX® (C) 150/250 (300) V

Tekniske data

Konstruktion	
Halogen fri	IEC 60754-1
Lederens materiale	Kobber
Leder fleksibilitet	Stranded clase 2
Isolation	XLPE (Cross-linked Polyethylene)
Inner covering	Polyester tape(s)
Armerede type	Kobber skærm
Ydre kappe	Polyolefin
Elektriske egenskaber	
Mærkespænding Uo/U	150 / 250 (300) V
Håndteringsinformation	
Brandhæmmende	IEC 60332-3 Cat.A
Giftig røg	Nej
Røg tæthed	IEC 61034
Korrosive gasser	IEC 60754-2
Electro-magnetisk interferens modstand	Ja
Drifttemperatur, område	-30 .. 80 °C
Maksimal kerne temperatur	90 °C
Standard	IEC


 Halogen fri
 IEC 60754-1

 Leder
 fleksibilitet
 Stranded
 clase 2

 Mærkespænding
 Uo/U
 150 / 250 (300) V

 Brandhæmmende
 IEC 60332-3
 Cat.A

 Giftig røg
 Nej

 Røg tæthed
 IEC 61034

 Korrosive
 gasser
 IEC 60754-2

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Produktliste

☎=Opret bestilling, 📦=Tilføj til lager

Nexans ref.	Antal af par	Antal af triples	Leder tværsnit (mm ²)	Minimum ydre diameter (mm)	Maksimal ydre diameter (mm)	Ca. vægt (kg/km)
📦 25405271	2		0,5	6,8	8,0	80
📦 25405272	4		0,5	9,6	11,0	140
📦 25405273	7		0,5	11,5	13,0	200
📦 25405274	10		0,5	13,5	16,0	300
📦 25405275	14		0,5	15,0	17,0	370
📦 25405276	19		0,5	17,0	19,5	460
📦 25405277	24		0,5	19,0	21,5	570
📦 2540xxxx	37		0,5	22,5	25,5	780
📦 2540xxxx	1		0,75	7,0	8,4	90
📦 25405234	2		0,75	7,8	9,2	110
📦 25405233	4		0,75	11,0	13,0	200
📦 25405232	7		0,75	14,0	15,5	280
📦 25405231	8		0,75	14,5	16,5	340
📦 25405239	10		0,75	16,5	19,0	440
📦 25405238	14		0,75	18,5	21,0	530
📦 25405237	19		0,75	21,0	23,5	670
📦 25405235	24		0,75	23,0	26,0	830
📦 25403229	30		0,75	25,5	28,5	940
📦 25405230	37		0,75	28,0	31,5	1130
📦 25405290		1	0,75	7,4	8,6	100
📦 2540xxxx		2	0,75	11,0	13,0	200
📦 2540xxxx		4	0,75	12,5	14,5	250
📦 2540xxxx		7	0,75	16,0	18,5	420
📦 2540xxxx		8	0,75	17,0	19,5	450
📦 2540xxxx		10	0,75	18,5	21,0	580
📦 2540xxxx	1		1,5	8,2	9,6	120
📦 25405397	2		1,5	9,4	11,0	170
📦 25405298	4		1,5	14,5	16,5	340
📦 25405299	7		1,5	17,0	19,5	490
📦 2540xxxx	10		1,5	20,0	23,0	680
📦 2540xxxx	14		1,5	23,0	25,5	850
📦 2540xxxx	19		1,5	26,0	29,5	1100
📦 2540xxxx		1	1,5	8,6	10,0	140
📦 2540xxxx		2	1,5	13,5	16,0	300
📦 2540xxxx		4	1,5	15,5	18,0	430
📦 2540xxxx		7	1,5	20,0	22,5	660

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