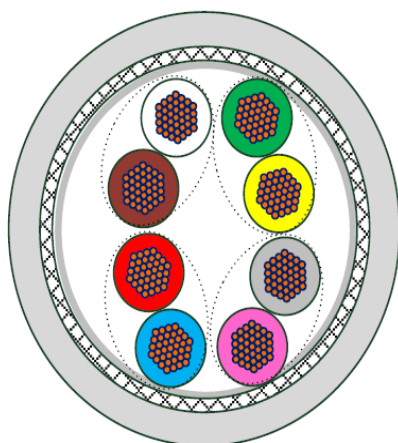


ORLIHCHTP



Construction



Conductor	Copper
Insulation	LSZH
Twisted Pairs Color Code	DIN 47100
Assembly Yarn fillers inside if needed	
PET Tape	> 100%
Braiding Coverage	Tinned Copper 65 +/- 3%
Outer Sheath Color	LSZH Grey RAL7001

Marking:

SIGNAL CONTROL CABLE ORLIHCHTP2P034ZHB2 ORSEANCABLES B2ca RLIHCHTPB-XX WW/YY xxxxxxM

Remark: XX-Supplier code; WW-Weak; YY-Year; RLIHCHTPB-XX-DoP number

Reference	Dop Number	Conductor section (mm ²)	Outer Sheath diameter (mm)
ORLIHCHTP2P034ZHB2	RLIHCHTPB-XX	0.34	7.50 +/- 10%
ORLIHCHTP3P034ZHB2	RLIHCHTPB-XX	0.34	8.30 +/- 10%
ORLIHCHTP2P050ZHB2	RLIHCHTPB-XX	0.50	8.00 +/- 10%
ORLIHCHTP3P050ZHB2	RLIHCHTPB-XX	0.50	9.00 +/- 10%
ORLIHCHTP4P050ZHB2	RLIHCHTPB-XX	0.50	10.00 +/- 10%
ORLIHCHTP2P075ZHB2	RLIHCHTPB-XX	0.75	8.60 +/- 10%
ORLIHCHTP3P075ZHB2	RLIHCHTPB-XX	0.75	9.80 +/- 10%
ORLIHCHTP4P075ZHB2	RLIHCHTPB-XX	0.75	11.00 +/- 10%
ORLIHCHTP5P075ZHB2	RLIHCHTPB-XX	0.75	11.90 +/- 10%
ORLIHCHTP7P075ZHB2	RLIHCHTPB-XX	0.75	12.80 +/- 10%
ORLIHCHTP2P1ZHB2	RLIHCHTPB-XX	1.00	9.30 +/- 10%

CONTROL CABLES

TECHNICAL DATA SHEET

Properties

Max. Operating Voltage U_0/U : 300/500 V
Conductor DC Resistance: According IEC 60228 Classe 5
Testing Voltage: 1.5 kV
Min. Insulation Resistance: $\geq 100 \text{ M}\Omega/\text{Km}$ (at 20°C)
Max. Mutual Capacity: 100 ~ 200 pF/Km
Bending Radius:
 Fixed: $\geq 7.5 \times$ outer diameter
 Mobiled: $\geq 15 \times$ outer diameter
Temperature Range:
 Fixed: -30°C ~ + 70°C
 Mobiled: -5°C ~ + 70°C
Fire Retardant: According to CPR B2ca

RoHS GUIDELINE

We operate according to the following standards

Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls(PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MS	