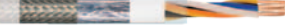


PROFINET 663 flexible application, type B, UL approval, Cat. 5e

PROFINET 663 PLTC flexible application, type B, UL & PLTC approval, Cat. 5e



ELETTROTEK KABEL® PROFINET 663



PROFINET 663

ELETTROTEK KABEL® PROFINET 663 PLTC



PROFINET 663 PLTC

Construction:

CONDUCTOR:	(PROFINET 663): STRANDED RED COPPER CONDUCTOR 7 x 0,25 MM - 22/7 AWG (PROFINET 663 PLTC): STRANDED TINNED COPPER CONDUCTOR 7 x 0,25 MM - 22/7 AWG
INSULATION:	PE COMPOUND
COLOUR CORES:	BLUE, YELLOW, WHITE, ORANGE
STRANDING:	CORES TWISTED TO A QUAD + CENTRAL FILLER
WRAPPING:	PET FOIL
INNER SHEATH	PVC COMPOUND
SCREEN:	ALUMINIUM TAPE + PET FOIL AND TINNED COPPER BRAID
OUTER SHEATH:	GREEN (SIMILAR RAL 6018), PVC COMPOUND

Resistance:

SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:

(PROFINET 663)
 UL 1581 & 1060 FT2
 UL 1061
 IEC 60332-1-2

(PROFINET 663 PLTC)
 IEC 60332-3A,
 UL 1685 FT4

OIL RESISTANCE ACC. TO:

(PROFINET 663, PROFINET 663 PLTC):
 IEC 60811-2-1
 AND ICEA S-82-552

UV RESISTANCE ACC. TO

(PROFINET 663, PROFINET 663 PLTC):
 UL1581 §1200 STD.

OZONE RESISTANCE ACC. TO:

(PROFINET 663, PROFINET 663 PLTC):
 EN 50396

Technical data:

NOMINAL VOLTAGE UL:	(PROFINET 663): 300 V (PROFINET 663 PLTC): 600 V
TEST VOLTAGE:	(PROFINET 663): 1,5 kV (PROFINET 663 PLTC): 2 kV
TEMPERATURE RANGE:	(PROFINET 663): UL: UP TO + 80°C (PROFINET 663 PLTC): UL: UP TO + 80°C
FIXED LAYING:	- 30 UP TO + 80°C - 30 UP TO + 80°C
FLEXIBLE INSTALLATION:	N.A. -20 UP TO + 60°C
MIN. BENDING RADIUS:	(PROFINET 663): (PROFINET 663 PLTC):
FIXED LAYING:	8 x D 3 x D
FLEXIBLE INSTALLATION:	10 x D 7 x D
CHARACTERISTIC IMPEDANCE:	100 Ω ± 15 %, ACC. TO EN 50288-2-2 (CAT 5E ACC. TO EN 50173-1)
CONDUCTOR RESISTANCE AT 20°C Max. Ω/km:	(PROFINET 663): 55,4 (PROFINET 663 PLTC): 57,4

Features:

cULus AWM STYLE 2571 80°C 300 V CE
 or cULus 20601 80°C 300 V **(PROFINET 663)**
 cULus AWM STYLE 21694 80°C 600 V **(PROFINET 663 PLTC)**

ROHS AND CE APPROVAL



PROFINET 663 flexible application, type B, UL approval, Cat. 5e

PROFINET 663 PLTC flexible application, type B, UL & PLTC approval, Cat. 5e



PROFINET 663

PROFINET 663 PLTC

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
39261CEX014A22 (PROFINET 663)	1 x 4 x 0,34	6,5	33	74	22
39260FEX022A22 (PROFINET 663 PLTC)	1 x 4 x 0,34	6,6	36,2	75	22

Other dimension and colours available on request.