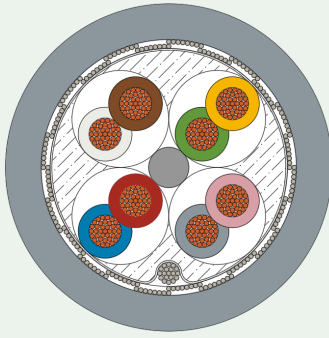


STATIC APPLICATION



TECSIGNAL® LiYCY(TP)

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	1.50	occ. flexing 10 x Ø	6.0xØ

DESCRIPTION

Suitable for static or flexible applications with free movement, without tensile stress and forced motion control in dry, damp, and wet environments, however, not suitable for outdoor use. Favourable crosstalk attenuation values are achieved because of the pairs' twisted stranding. Even interference through parallel running cables is suppressed due to the dense braided screen assisted by the drain wire, making these cables optimal when used in systems with a risk of interference radiation.

APPROVALS



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

TECHNICAL DATA



STATIC
-40 °C +80 °C
OCCASIONAL FLEXING
-5 °C +80 °C



MAX OPERATING VOLTAGE
350 V (NOT FOR POWER
APPLICATIONS)



TEST VOLTAGE
(C/C)
1200 V (C/S)
800 V



INSULATION RESISTANCE
> 20 GOHM/CM



NOMINAL IMPEDANCE
~ 78.0 OHM
INDUCTANCE 0,65 MH/KM
MUTUAL CAPACITANCE @ 800HZ
(C/C)
0,14 MM² <
100 PF/M
0,25MM² <
150 PF/M
MUTUAL CAPACITANCE @ 800HZ
(C/S)
0,14 MM² <
240 PF/M
0,25 MM² <
270 PF/M

CONSTRUCTION FEATURES

PAIRS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER
	INSULATION	PVC COMPOUND.
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD
OVERALL STRANDING	FILLER	FILLER NOT HYGROSCOPIC
	SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
	DRAIN WIRE	DRAIN WIRE TINNED COPPER
	SCREEN	SHIELD TINNED COPPER 85 % ± 5 %
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GRAY, RAL: 7001, DESINA: NO



FIRE PERFORMANCE
IEC EN 60332-1-2
DIN VDE 0482-332-1-2



OIL PERFORMANCE
EN 50290-2-22
TM54 CEI 20-34/0-1 4 H @ 70 °C OIL
IRM 902
VDE 0819-102

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
21234	(1X2X0,25)ST	✗		500	4.2	45
21235	(2X2X0,25)ST	✗	100	500	5.8	53
20713	(3X2X0,50)ST	✓	100	500	8.2	100
21236	(4X2X0,25)ST	✗	100	500	6.9	80
23673	(6X2X0,50)ST	✓		500	11	205

TE.CO. reserves the right to make changes to any of the products without, however, affecting the essential technical features. Unless specified otherwise, all the product ratings stated are nominal ratings. The RAL colour code is provided for illustrative purposes only.
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