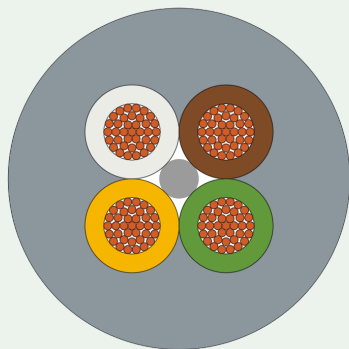


STATIC APPLICATION

LIYY SIGNAL

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	1.50	occ. flexing 7,5 x ø	4.0xø

APPROVALS



2014/35/CEE



2011/65/UE



1907/2006

TECHNICAL DATA



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



MAX OPERATING VOLTAGE
0,14 MM² = 350 V
≥ 0,25 MM² = 500 V (NOT FOR
POWER APPLICATIONS)



TEST VOLTAGE
0,14 - 0,25 MM² = 1200 V
0,34 - 1,50 MM² = 2000 V



INSULATION RESISTANCE
> 20 GOHM X CM



NOMINAL IMPEDANCE
78
Ω (APPROX.)
INDUCTANCE = 0,65 MH/KM
MUTUAL CAPACITANCE AT 800 HZ
(CORE/CORE):
_ 0,14 - 0,25 MM²
= 100 PF/M
(APPROX.)
_ 0,34 - 1,50 MM² = 150 PF/M
(APPROX.)

CONSTRUCTION FEATURES

SIGNAL CONDUCTORS

CONDUCTOR

CL5 FLEXIBLE.
BARE COPPER.

INSULATION

PVC COMPOUND.

INSULATION COLOR

COLOURS SEQUENCE REFERS TO DIN 47100
STANDARD.

OVERALL STRANDING

FILLER

FILLER
NOT HYGROSCOPIC.

TALC

TALC POWDER

SHEATH

PVC COMPOUND.

SHEATH COLOUR

GRAY, RAL: 7001, DESINA: NO

PRODUCTS FEATURES



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 PARTE 102.

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
9054	2X0,25	✗	100	500/1000	3.8	18
7352	2X0,34	✗	100	500	4.2	22
11225	2X0,50	✗	100	500	4.8	40
8242	3X0,25	✗	100	500	4	22
5419	3X0,34	✗		1000	4.4	30
8639	3X0,50	✓	100	500	5.1	43
9272	4X0,25	✗	100	500	4.4	26
20291	4X0,34	✗	100	500	4.8	43
9131	4X0,50	✗	100	500	5.5	55
8123	5X0,34	✗	100	500	5.3	54
6768	6X0,25	✗	100	500	5.3	36
11852	6X0,50	✗	100		6.7	73
7088	7X0,25	✓	100	500	5.3	42
8122	7X0,34	✓	100		5.6	61
16401	8X0,25	✗	100	500	6.3	49
9132	8X0,50	✗	100		8	97
10340	10X0,25	✓	100	500	6.8	57
11464	10X0,50	✗	100		8.6	116
5741	12X0,25	✓	100	500	7	66
8062	12X0,50	✓	100	500	8.9	135
20436	16X0,14	✓	100	500	6.3	59
5742	16X0,25	✓	100	500	7.9	84
5743	25X0,25	✓	100	500	9.8	132
8193	25X0,50	✓		500	12.4	241
15410	26X0,25	✓		500	10	140
5744	37X0,25	✓		500	11.3	190
1969	44X0,25	✓		500	12.8	200

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