

STATIC APPLICATION

TECNIFLEX®

POWER&CONTROL MULTICORE 450-750V

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	120.00	occ. flexing 15xø	4xø

APPROVALS



2014/35/CEE

CPR 305/11 Eca CPR ECA



2011/65/UE



1907/2006

TECHNICAL DATA



INSTALLATION 0°C +70°C
STATIC -40°C +80°C
OCCASIONAL FLEXING -5°C +70°C



NOMINAL VOLTAGE 450/750 V



TEST VOLTAGE 4000 V (C/C)



INSULATION RESISTANCE > 20 GOHM X CM

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER.
	INSULATION	PVC COMPOUND.
	INSULATION COLOR	BLACK CORE WITH WHITE PRINTED NUMBER + GREEN YELLOW
OVERALL STRANDING	FILLER	FILLER SUITABLE
	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.



UV PERFORMANCE

ONLY FOR BLACK RAL 9005 SHEAT:
EN ISO 4892-3-2006 OR EN ISO 4892-2-2013, METHOD A (COLOUR CHANGING ALLOWED)
ACC. TO EN 50525-1 RISP. VDE 0285-525-1 BLACK SHEATH CABLES ARE SUITABLE FOR OUTDOOR PERMANENT USAGE. NF C 32-321 AND RELATIVE ANNEXE A
UV TEST REFERENCE:
ISO 4892-2-2013
ISO 4892-3-2006
DIN EN ISO 4892-2

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC	SHEATH COLOUR EXC
16787	2X0,50	X	100	500	4.8	35		
7689	2X0,50	X	100	500	4.8	35	UNEL TABLE COLOUR	
35854	2X0,50	X		500	4.8	35		MATTE BLACK
5418	2X0,75	X	100	500	5.4	42		
21804	2X1,00	X	100	500/1000	5.8	55	BLACK AND RED	
7440	2X1,00	X	100	500	5.8	55	UNEL TABLE COLOUR	
8429	2X1,00	X	100	500/1000	5.8	55		
7152	2X1,00	X	100		5.8	55		MATTE BLACK
2088	2X1,50	✓	100/200	500/2000	6.3	68		
8310	2X1,50	✓	100/200	500	6.3	68	UNEL TABLE COLOUR	
22982	2X1,50	✓	100/200	500	6.3	68		MATTE BLACK
20433	2X2,50	✓	100	500	7.6	109		
16788	3G0,50	X	100	500	5.1	42		
18501	3X0,50	X	100	500	5.1	42	BLACK CORE WITH WHITE PRINTED NUMBERS.	
1970	3X0,50	X	100	500	5.1	42	UNEL TABLE COLOUR	
9309	3G0,50	✓	100	500	5.1	42	UNEL TABLE COLOUR	
1968	3G0,75	X	100	500/200	5.7	55	UNEL TABLE COLOUR	
2433	3G0,75	X	100	500	5.7	55		
11087	3X1,00	X	100	500	6	68	BLACK CORE WITH WHITE PRINTED NUMBERS.	
7441	3G1,00	X	100	500	6	68	UNEL TABLE COLOUR	
7571	3G1,00	X	100	500	6	68		
13285	3X1,50	✓	100	500	6.8	85	BLACK CORE WITH WHITE PRINTED NUMBERS.	
16337	3G1,50	✓		500	6.8	85	UNEL TABLE COLOUR	ORANGE
5079	3G1,50	✓	100	500	6.8	85	ORANGE NUMBERED, RAL 2003	ORANGE
7564	3G1,50	✓	100	500/1000	6.8	85		
8089	3G1,50	✓	100	500/2000	6.8	85	UNEL TABLE COLOUR	
19442	3G1,50	✓	100	500	6.8	85		MATTE BLACK
34056	3G2,50	✓	100	500	8.1	135	ORANGE NUMBERED, RAL 2003	ORANGE
7570	3G2,50	✓	100	500	8.1	135		
8063	3G2,50	✓	100	500	8.1	135	UNEL TABLE COLOUR	
20710	3G2,50	✓	100	500	8.1	135		MATTE BLACK
15750	3G4,00	✓		500	9.9	200	UNEL TABLE COLOUR	
27572	3G4,00	✓		500	9.9	200		
19350	3X4,00	✓		500	9.9	200	BLACK CORE WITH WHITE PRINTED NUMBERS.	MATTE BLACK
15297	4X0,50	X	100	500/1000	5.7	54	BLACK CORE WITH WHITE PRINTED NUMBERS.	
9310	4G0,50	X	100	500	5.7	54		
10486	4X0,75	X	100	500	6.2	66.6	BLACK CORE WITH WHITE PRINTED NUMBERS.	
39874	4G0,75	X		500	6.2	66.6		MATTE BLACK
10365	4X1,00	✓	100	500	6.5	84	BLACK CORE WITH WHITE PRINTED NUMBERS.	
6264	4X1,00	✓	100	500/1000	6.5	84	UNEL TABLE COLOUR	

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC	SHEATH COLOUR EXC
9409	4G1,00	✓	100	500/1000	6.5	84		
15705	4X1,00	✓	100	500	6.5	84	BLACK CORE WITH WHITE PRINTED NUMBERS.	MATTE BLACK
15761	4X1,50	✓	100		7.4	108	BLACK CORE WITH WHITE PRINTED NUMBERS.	
18012	4G1,50	✓	100	500/1000	7.4	108	UNEL TABLE COLOUR	
7565	4G1,50	✓	100	500	7.4	108		
16630	4G1,50	✓	100		7.4	108		MATTE BLACK
18271	4G2,50	✓	100	500	8.9	165	UNEL TABLE COLOUR	
8475	4G2,50	✓	100	500	8.9	165		
16631	4G2,50	✓	100	500	8.9	165		MATTE BLACK
18272	4G4,00	✓			10.8	250	UNEL TABLE COLOUR	
8496	4G4,00	✓		100	10.8	250		
16632	4G4,00	✓		500	10.8	250		MATTE BLACK
18273	4G6,00	✓			13	370	UNEL TABLE COLOUR	
6971	4G6,00	✓		100	13	370		
18274	4G10,00	✓			15.8	595	UNEL TABLE COLOUR	
6972	4G10,00	✓			15.8	595		
18275	4G16,00	✓			19	935	UNEL TABLE COLOUR	
18276	4G25,00	✓			23.6	1465	UNEL TABLE COLOUR	
18277	4G35,00	✓			28.5	1980	UNEL TABLE COLOUR	
11677	4G50,00	✓			34.4	2890	UNEL TABLE COLOUR	
9311	5G0,50	✗	100	1000	6.2	63		
8580	5G0,75	✓	100	500	6.8	79		
7153	5X1,00	✓	100	500	7.2	94	BLACK CORE WITH WHITE PRINTED NUMBERS.	
7443	5G1,00	✓		500	7.2	94	UNEL TABLE COLOUR	
8548	5G1,00	✓	100	500/1000	7.2	94		
7566	5G1,50	✓	100	500	8.1	135		
26447	5G1,50	✓	100		8.1	135	UNEL TABLE COLOUR	MATTE BLACK
35860	5G2,50	✓		500	9.5	210	UNEL TABLE COLOUR	
7844	5G2,50	✓	100	500	9.5	210		
5825	5G2,50	✓		500	9.5	210	UNEL TABLE COLOUR	MATTE BLACK
10664	5G4,00	✓		100	12.1	310		
10182	5G4,00	✓			12.1	310	UNEL TABLE COLOUR	MATTE BLACK
10674	5G6,00	✓		100	13.5	450		
26233	5G6,00	✓			13.5	450		MATTE BLACK
10690	5G10,00	✓			18.1	750		
15758	5G16,00	✓			21.2	1200		
39285	6X0,50	✓	100	500	6.7	75	BLACK CORE WITH WHITE PRINTED NUMBERS.	
13300	7G0,50	✓	100	500	6.7	81		
30464	7X0,50	✓	100	500	6.7	81	BLACK CORE WITH WHITE PRINTED NUMBERS.	
18359	7X1,00	✓	100	500	8	129	BLACK CORE WITH WHITE PRINTED NUMBERS.	

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC	SHEATH COLOUR EXC
7444	7G1,00	✓	100	500	8	129		
7450	7G1,50	✓	100	500/1000	8.9	170		
16633	7G1,50	✓	100	500	8.9	170		MATTE BLACK
7568	7G2,50	✓		500/100	11.1	275		
16634	7G2,50	✓		500	11.1	275		MATTE BLACK
6970	7G4,00	✓			13.4	410		
9312	8G0,50	✓	100	500	8	100		
20151	8X0,75	✓	100	500	8.7	134	BLACK CORE WITH WHITE PRINTED NUMBERS.	
914	8G1,00	✓	100	500	9.5	150		
10338	9G1,00	✓		500	10	164		
26774	9G1,50	✓			11.8	225		
15274	10X0,50	✓	100	500	8.6	106	BLACK CORE WITH WHITE PRINTED NUMBERS.	
2487	10G0,50	✓		500	8.6	106		
2238	10G1,00	✓	100	500	10.5	180		
38189	10G1,00	✓		500	10.5	180		MATTE BLACK
7451	10G1,50	✓		500/1000/100	11.8	250		
6650	10G2,50	✓		100	14	402		
7797	12G0,50	✓	100	500	8.9	130		
16346	12G0,75	✓	100		9.9	173		
5084	12X0,75	✓		500	9.9	173	BLACK CORE WITH WHITE PRINTED NUMBERS.	
7445	12G1,00	✓		500/1000/100	10.5	205		
7527	12G1,50	✓			12	295		
8934	12G2,50	✓			14.8	465		
6265	12X2,50	✓			14.8	465	BLACK CORE WITH WHITE PRINTED NUMBERS.	MATTE BLACK
10651	14G0,50	✓	100	500	9.5	153		
15814	14G1,00	✓		500/100	11.3	238		
5413	14G1,50	✓			12.7	341		
647	16X0,50	✓		500	10	170	BLACK CORE WITH WHITE PRINTED NUMBERS.	
20313	16G0,75	✓		500	11	220		
15284	16G1,00	✓		500	12	280		
7567	16G1,50	✓		500	13.4	370		
16978	18G0,50	✓	100	500	10.6	188		
4955	18G0,75	✓		500	11.8	244		
7446	18G1,00	✓		500/100	12.7	315		
7569	18G1,50	✓		500	14.4	441		
9313	19G0,50	✓	100	500	10.6	195		
11836	19G1,00	✓		100	12.7	320		
8513	19G1,50	✓			14.4	453		
10319	19G2,50	✓			18.1	720		
17203	20G1,00	✓			13.5	335		

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC	SHEATH COLOUR EXC
13660	22G0,50	✓		500	12	223		
39287	24X0,50	✓		500	12.4	266	BLACK CORE WITH WHITE PRINTED NUMBERS.	
8125	25G0,50	✓		500/100	12.4	261		
16347	25G0,75	✓			13.9	337		
7447	25G1,00	✓		500/1000/100	15.1	420		
7596	25G1,50	✓		100	17	595		
36863	25G2,50	✓			20.8	935		
7563	25G2,50	✓			20.8	935		MATTE BLACK
35468	26G0,75	✗		500/1000/2000	14.1	350		
5082	30X1,00	✓			16.1	490	BLACK CORE WITH WHITE PRINTED NUMBERS.	
28988	31G0,50	✓			13.8	305		
6140	34G1,00	✓			17.2	565		
2883	34G1,50	✓			19.5	781		
7448	36G1,00	✓			17.4	595		
8126	37G0,50	✓			14.2	380		
14556	41G0,50	✓			15.8	410		
6016	41G0,75	✓			17.6	538		
7572	41G1,00	✓			18.8	660		
34899	42G0,75	✓			17.8	580		
7573	50G1	✓			20.9	797		
12169	50G1,50	✓			23.6	1160		
11335	61G1,00	✓			22.3	970		
1469	65G0,75	✓			21.8	840		

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