

DYNAMIC APPLICATION

PMXX[®] PLUS ENCODER



APPLICATIVE FEATURES



**5 MILLION
GUARANTEED CYCLES**



**50 M/S²
ACCELERATION**



**25,0 M
CABLE LENGTH**



**300 M/MIN
TRAVEL SPEED**



**± 30° / M
TORSION**



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	1.00	7.0xØ	5.0xØ

DESCRIPTION

High-performance UL/CSA certified flexible cables for data transmission of encoder and resolver devices, designed for dynamic application in high-speed drag chains, also suitable for permanently flexible applications that allow free movement without tensile stress and without motion control in dry, damp, and wet environments. The polyurethane outer jacket provides excellent resistance properties against mechanical stress and chemical agents, making these cables suitable for indoor or outdoor use, even in very low temperatures.

APPROVALS



**AWM STYLE 21209
90°C 300V**

E244280



**AWM I/II A/B 90°C
300V**



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006



**IEC 60754-1
EN 50267-1**

TECHNICAL DATA



STORAGE
-50 °C +90 °C
DYNAMIC
-30 °C +90 °C
STATIC
-40 °C +90 °C



NOMINAL VOLTAGE
300 V (UL/CSA)



TEST VOLTAGE
(C/C)
2000 VRMS / 1 MIN (C/S)
2000 VRMS / 1 MIN



INSULATION RESISTANCE
≥ 1 GOHM/KM

PRODUCTS FEATURES



FIRE PERFORMANCE
SELF-EXTINGUISHING AND FLAME
RETARDANT ACC. TO DIN VDE 0482-
332-1-2
IEC 60332-1-2
UL CABLE FLAME
VW-1 (UL)
FT1 (CSA)



OIL PERFORMANCE
VDE 0473-811-404
IEC 60811-404
CEI EN 50363-10-2
UL 1581



UV PERFORMANCE
ISO 4892-2
ASTM-D-2565-16
EN 50289-4-17



WATER PERFORMANCE
UL 1581
IEC 60811-1-3



COLD PERFORMANCE
EN 60811-1-4



ABRASION PERFORMANCE
ASTM D 4060



MUD PERFORMANCE
NEK 606



MICROBE PERFORMANCE
VDE 0282-10



HOZONE PERFORMANCE
EN 50396-8-1-3

TECO CODE	OEM REF.	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
46684	HEIDENHAIN	[3X(2X0,14)CCSF/RPE+2X(0,50)SF/RPE]ST [3X(2XAWG26)CCSF/RPE+2X(AWG21)SF/RPE]ST	✓	100	500	8.8	110
43322		[4X2X0,14+(4X0,14)SF+4X0.50]ST [4X2XAWG26+(4XAWG26)SF+4XAWG21]ST	✓	100	500	8.3	100
46683		(3X2X0,14+2X0,34)SNCC/ST (3X2XAWG26+2XAWG22)SNCC/ST	✓	100	500	7	70
46688		(3X2X0,25+2X0,50)CCST (3X2XAWG24+2XAWG21)CCST	✓	100	500	7.8	90
46689		(3X2X0,34+2X0,50)CCST (3X2XAWG22+2XAWG21)CCST	✓	100	500	8.6	110
46691		(4X2X0,25)CCST (4X2XAWG24)CCST	✓	100	500	7.6	90
46698		(6X2X0,25)RPE/ST (6X2XAWG24)RPE/ST	✓		500	9.7	110
46692		[4X(2X0,25)ST/RPE]ST [4X(2XAWG24)ST/RPE]ST	✓	100	500	9.6	130
46694		[4X(2X0,34)ST/RPE]ST [4X(2XAWG22)ST/RPE]ST	✓		500	11.2	155
46696		[5X(2X0,34)ST/RPE]ST [5X(2XAWG22)ST/RPE]ST	✓		500	11.6	185
46700		[8X(2X0,25)ST/RPE]ST [8X(2XAWG24)ST/RPE]ST	✓		500	14	215
46693	INDRAMAT	(4X2X0,25+2X0,50)CCST (4X2XAWG24+2XAWG21)CCST	✓	100	500	8.5	110
46690	HEIDENHAIN	(4X2X0,14+4X0,50)ST (4X2XAWG26+4XAWG21)ST	✓	100	500	8.4	110
46695	SIEMENS	(4X2X0,34+4X0,50)ST (4X2XAWG22+4XAWG21)ST	✓	100	500	9	125
46699		(6X2X0,34)ST (6X2XAWG22)ST	✓		500	9.4	120
46704		(8X2X0,18)ST (8X2XAWG25)ST	✓	100	500	8.2	95
46702	INDRAMAT	(9X0,50)CCST (9XAWG21)CCST	✓	100	500	8.8	115
46703		[(2X0,34)CCSN+6X2X0,34+2X1,00]ST [(2XAWG22)CCSN+6X2XAWG22+2XAWG18]ST	✓		500	11	198
46682		(2X2X0,34)ST (2X2XAWG22)ST	✓	100	500	7	70
46687		(3X2X0,34)ST (3X2XAWG22)ST	✓	100	500	7.5	80
46701		(8X2X0,22)ST (8X2XAWG24)ST	✓		500	9.5	125
46685	SIEMENS	[3X(2X0,14)CCSF/RPE+4X0,14+2X0,50]ST [3X(2XAWG26)CCSF/RPE+4XAWG26+2XAWG21]ST	✓	100	500	9	120
46686	SIEMENS	[3X(2X0,14)CCSF/RPE+4X0,14+4X0,25+2X0,50]ST [3X(2XAWG26)CCSF/RPE+4XAWG26+4XAWG24+2XAWG21]ST	✓	100	500	9.8	135

GROUP 1

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYPROPYLENE COMPOUND (PP)
INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD
DRAIN WIRE	DRAIN WIRE TINNED COPPER
SCREEN	SCREEN TINNED COPPER 90 % ± 5 %
SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
SHEATH	INNER JACKET POLYOLEFIN COMPOUND.

GROUP 2

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYPROPYLENE COMPOUND (PP)
INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD
SCREEN	SCREEN TINNED COPPER 90 % ± 5 %
SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
SHEATH	INNER JACKET POLYOLEFIN COMPOUND.

OVERALL STRANDING



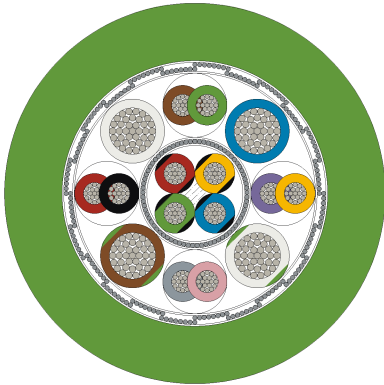
FILLER	FILLER POLYPROPYLENE
SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
SHEATH	POLYURETHANE COMPOUND (TMPU)
SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES

EXCEPTIONS

INS. COLOUR EXC	GROUP 1 3X(2X0,14) : YE-GN, RD-BU, GY-PK GROUP 2 2X(0,50) : WH, BN
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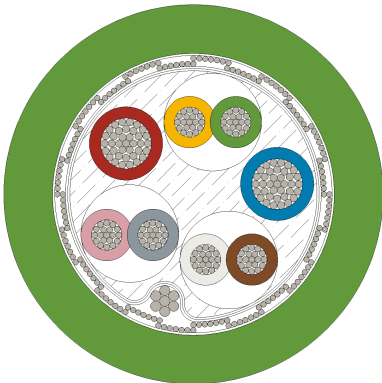
TECO CODE 43322 CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD
	SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
	SCREEN	SCREEN TINNED COPPER 90 % ± 5 %
	SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD
GROUP 3	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
EXCEPTIONS	INS. COLOUR EXC	GROUP 1 4X0,14 : GN/BK*,RD/BK*,YE/BK*,BU/BK* GROUP 2 4X2X0,14 : RD-BK, GN-BN, VT-YE, GY-PK GROUP 3 4X0,50 WH, BU, WH/GN*, BN/GN* *RING BICOLOUR



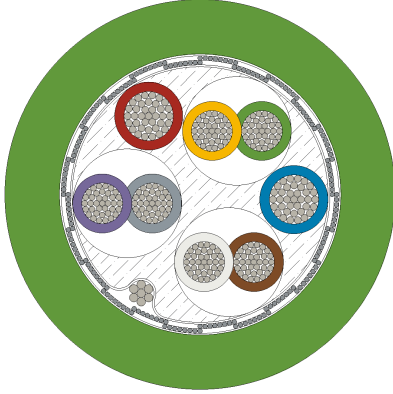
TECO CODE 46683 CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD
OVERALL STRANDING (MXNXY+NXY) SNCC/ST	FILLER	FILLER POLYPROPYLENE COMPOUND (PP)
	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
	SEPARATION LAYER	SHIELDED TAPE MYLAR/ALLUMINIUM
	DRAIN WIRE	DRAIN WIRE TINNED COPPER
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
OVERALL STRANDING	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
	EXCEPTIONS	INS. COLOUR EXC



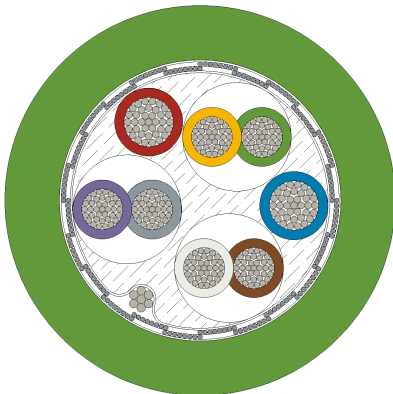
TECO CODE 46688 CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER	
	INSULATION	POLYPROPYLENE COMPOUND (PP)	
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD	
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER	
	INSULATION	POLYPROPYLENE COMPOUND (PP)	
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD	
OVERALL STRANDING (MXNXY+NXY) CCST	FILLER	FILLER POLYPROPYLENE COMPOUND (PP)	
	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE	
	DRAIN WIRE	DRAIN WIRE TINNED COPPER	
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %	
	SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE	
	SHEATH	POLYURETHANE COMPOUND (TMPU)	
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES	
	EXCEPTIONS	INS. COLOUR EXC	GROUP 1 3X2X0,25 : WH-BN, GN-YE, GY-PK GROUP 2 2X0,50 : BU, RD



TECO CODE 46689 CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER	
	INSULATION	POLYPROPYLENE COMPOUND (PP)	
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD	
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER	
	INSULATION	POLYPROPYLENE COMPOUND (PP)	
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD	
OVERALL STRANDING (MXNXY+NXY) CCST	FILLER	FILLER POLYPROPYLENE COMPOUND (PP)	
	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE	
	DRAIN WIRE	DRAIN WIRE TINNED COPPER	
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %	
	SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE	
	SHEATH	POLYURETHANE COMPOUND (TMPU)	
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES	
	EXCEPTIONS	INS. COLOUR EXC	GROUP 1 3X2X0,34 : WH-BN, GN-YE, GY-PK GROUP 2 2X0,50 : BU, RD



TECO CODE 46691 CONSTRUCTION FEATURES

GROUP 1

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYPROPYLENE COMPOUND (PP)
INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD

OVERALL STRANDING (MXNXY)
CCST

SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
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DRAIN WIRE	DRAIN WIRE TINNED COPPER
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SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
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SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
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SHEATH	POLYURETHANE COMPOUND (TMPU)
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SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
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EXCEPTIONS

INS. COLOUR EXC	WH-BN, GN-YE, GY-PK, BU-RD
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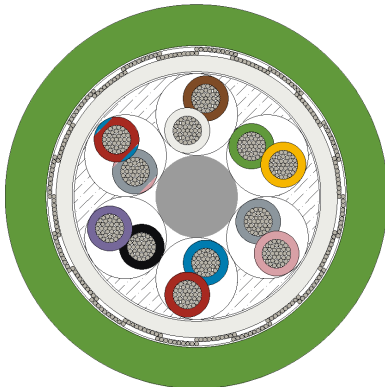
TECO CODE 46698 CONSTRUCTION FEATURES

GROUP 1

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYPROPYLENE COMPOUND (PP)
INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD

OVERALL STRANDING (MXNXY)
RPE/ST

SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
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SHEATH	INNER JACKET POLYOLEFIN COMPOUND.
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SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
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SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
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SHEATH	POLYURETHANE COMPOUND (TMPU)
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SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
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EXCEPTIONS

INS. COLOUR EXC	WH-BN, GN-YE, GY-PK, BU-RD, BK-VT, GY/PK*-RD/BU* *RING BICOLOUR
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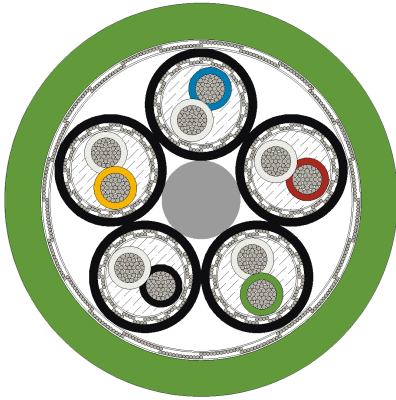
TECO CODE 46692 CONSTRUCTION FEATURES

GROUP 1

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYPROPYLENE COMPOUND (PP)
INSULATION COLOR	VARIOUS COLOURS
SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
SCREEN	PAIRS SCREEN TINNED COPPER 85 % ± 5 %
SHEATH	INNER JACKET POLYOLEFIN COMPOUND.

OVERALL STRANDING

SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
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SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
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SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
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SHEATH	POLYURETHANE COMPOUND (TMPU)
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SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
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EXCEPTIONS

INS. COLOUR EXC	WH-YE, WH+BU, WH+RD, WH+GN
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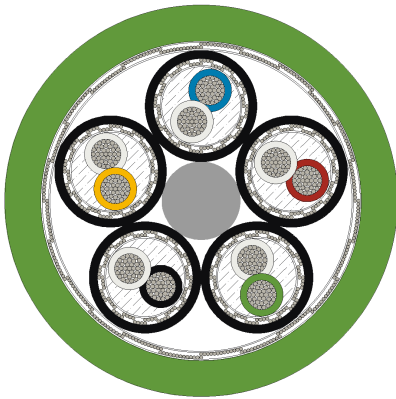
TECO CODE 46694 CONSTRUCTION FEATURES

GROUP 1

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYPROPYLENE COMPOUND (PP)
INSULATION COLOR	VARIOUS COLOURS
SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
SCREEN	PAIRS SCREEN TINNED COPPER 85 % ± 5 %
SHEATH	INNER JACKET POLYOLEFIN COMPOUND.

OVERALL STRANDING

SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
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SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
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SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
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SHEATH	POLYURETHANE COMPOUND (TMPU)
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SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
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EXCEPTIONS

INS. COLOUR EXC	WH-YE, WH+BU, WH+RD, WH+GN
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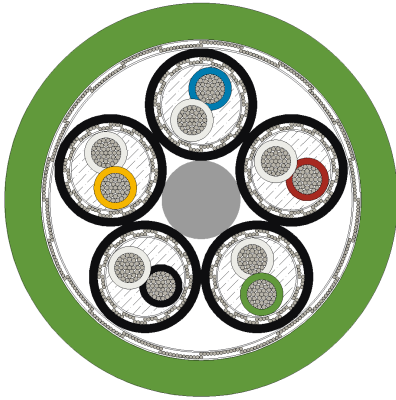
TECO CODE 46696 **CONSTRUCTION FEATURES**

GROUP 1

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYPROPYLENE COMPOUND (PP)
INSULATION COLOR	VARIOUS COLOURS
SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
SCREEN	PAIRS SCREEN TINNED COPPER 85 % ± 5 %
SHEATH	INNER JACKET POLYOLEFIN COMPOUND.

OVERALL STRANDING

SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
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SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
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SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
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SHEATH	POLYURETHANE COMPOUND (TMPU)
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SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
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EXCEPTIONS

INS. COLOUR EXC	WH-YE, WH-BU, WH+RD, WH+GN, WH+BK
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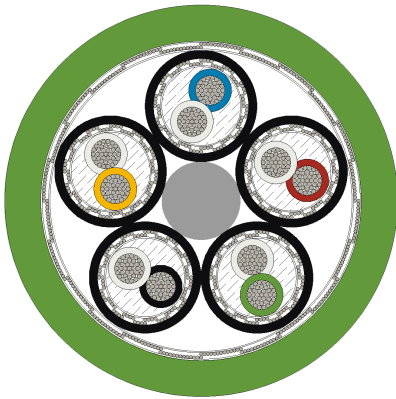
TECO CODE 46700 **CONSTRUCTION FEATURES**

GROUP 1

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYPROPYLENE COMPOUND (PP)
INSULATION COLOR	VARIOUS COLOURS
SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
SCREEN	PAIRS SCREEN TINNED COPPER 85 % ± 5 %
SHEATH	INNER JACKET POLYOLEFIN COMPOUND.

OVERALL STRANDING

SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
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SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
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SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
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SHEATH	POLYURETHANE COMPOUND (TMPU)
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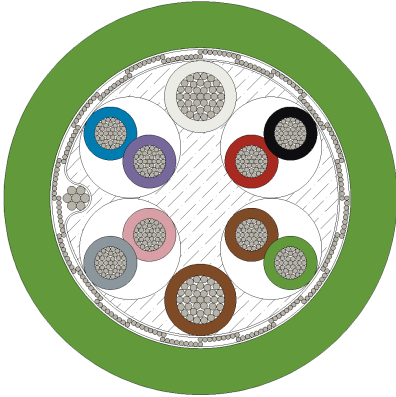
SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
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EXCEPTIONS

INS. COLOUR EXC	WH-RD, WH-RD, WH-RD, WH-RD, WH-RD, WH-RD, WH-RD, WH-RD
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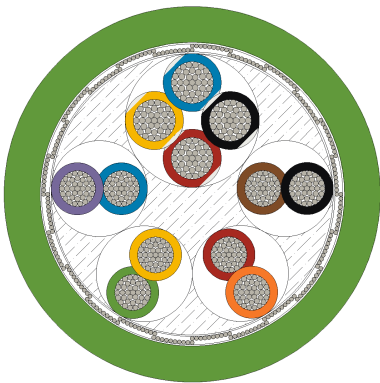
TECO CODE 46693 CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER	
	INSULATION	POLYPROPYLENE COMPOUND (PP)	
	INSULATION COLOR	VARIOUS COLOURS	
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER	
	INSULATION	POLYPROPYLENE COMPOUND (PP)	
	INSULATION COLOR	VARIOUS COLOURS	
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE	
	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE	
	DRAIN WIRE	DRAIN WIRE TINNED COPPER	
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %	
	SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE	
	SHEATH	POLYURETHANE COMPOUND (TMPU)	
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES	
	EXCEPTIONS	INS. COLOUR EXC	GROUP 1 4X2X0,25 : BN-GN,GY-PK, BU-VT, RD-BK GROUP 2 2X0,50 : WH, BN



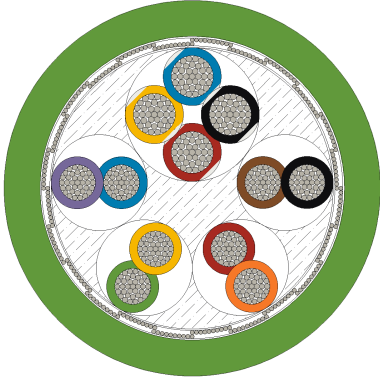
TECO CODE 46690 CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER	
	INSULATION	POLYPROPYLENE COMPOUND (PP)	
	INSULATION COLOR	VARIOUS COLOURS	
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER	
	INSULATION	POLYPROPYLENE COMPOUND (PP)	
	INSULATION COLOR	VARIOUS COLOURS	
OVERALL STRANDING	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE	
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %	
	SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE	
	SHEATH	POLYURETHANE COMPOUND (TMPU)	
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES	
	EXCEPTIONS	INS. COLOUR EXC	GROUP 1 4X2X0,14 : RD-BK, BN-GN, YE-VT, GY-PK GROUP 2 4X0,50 : WH, BU, WH/GN*, BN/GN* *RING BICOLOUR



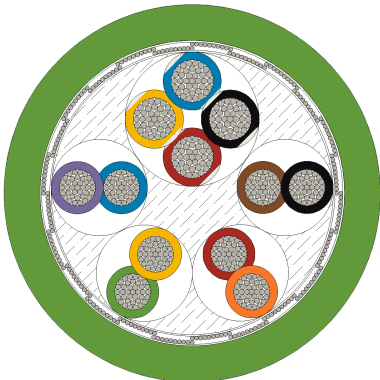
TECO CODE 46695 CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	VARIOUS COLOURS
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	VARIOUS COLOURS
OVERALL STRANDING	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
EXCEPTIONS	INS. COLOUR EXC	GROUP 1 4X2X0,34 : BN-BK, RD-OG, YE-GN, BU-VT GROUP 2 4X0,50 : BU/WH*, BK/WH*, RD/WH*, YE/WH* *RING BICOLOUR



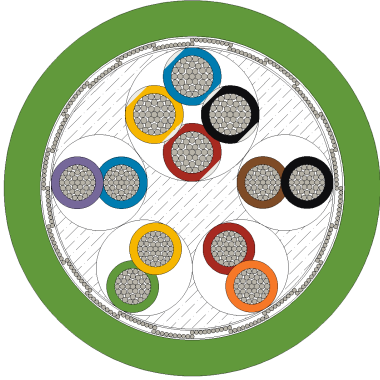
TECO CODE 46699 CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	VARIOUS COLOURS
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	VARIOUS COLOURS
OVERALL STRANDING	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
EXCEPTIONS	INS. COLOUR EXC	YE-BU, RD/WH*-BK/WH*, RD-BK, WH-BU, RD-WH, RD/WH*-WH *RING BICOLOUR



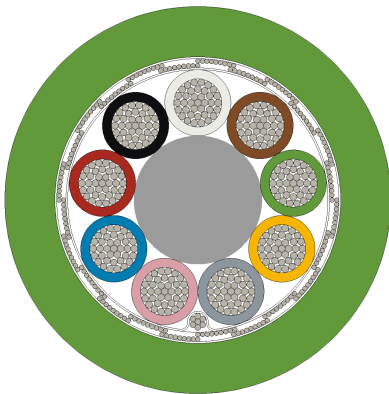
TECO CODE 46704 CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	VARIOUS COLOURS
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	VARIOUS COLOURS
OVERALL STRANDING	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
	EXCEPTIONS	INS. COLOUR EXC



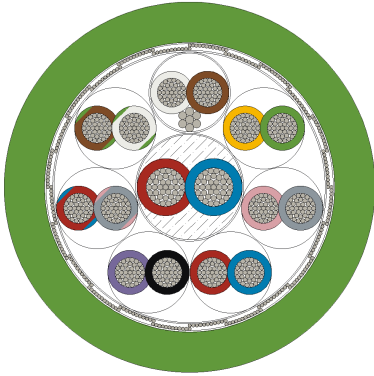
TECO CODE 46702 CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
	DRAIN WIRE	DRAIN WIRE TINNED COPPER
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES



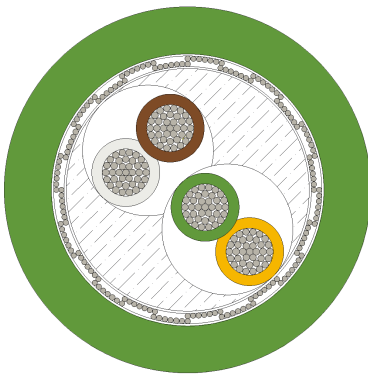
TECO CODE 46703 CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD
	DRAIN WIRE	DRAIN WIRE TINNED COPPER
	SEPARATION LAYER	TAPE SCREEN ALLUMINIUM INSIDE - POLYESTER OUTSIDE
	SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD
GROUP 3	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
OVERALL STRANDING	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
	EXCEPTIONS	INS. COLOUR EXC



TECO CODE 46682 CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYOLEFIN COMPOUND.
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES
EXCEPTIONS	INS. COLOUR EXC	GROUP 1 2X2X0,34 : WH-BN, GN-YE



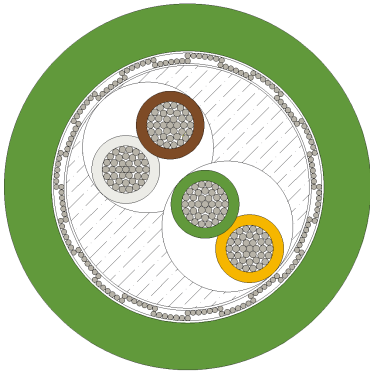
TECO CODE 46687 **CONSTRUCTION FEATURES**

GROUP 1

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYOLEFIN COMPOUND.
INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD

OVERALL STRANDING

FILLER	FILLER POLYPROPYLENE
SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
SHEATH	POLYURETHANE COMPOUND (TMPU)
SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES



EXCEPTIONS

INS. COLOUR EXC	GROUP 1 3X2X0,34 : WH-BN, PK+GY, GN-YE
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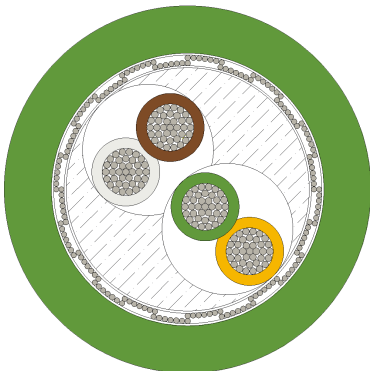
TECO CODE 46701 **CONSTRUCTION FEATURES**

GROUP 1

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYOLEFIN COMPOUND.
INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD

OVERALL STRANDING

FILLER	FILLER POLYPROPYLENE
SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
SHEATH	POLYURETHANE COMPOUND (TMPU)
SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES



EXCEPTIONS

INS. COLOUR EXC	GROUP 1 8X2X0,22 : WH-BN, GN-YE, GY-PK, BU+RD, BK-VT, GY/PK*-RD/BU*, WH/GN*-BN/GN*, WH/YE*-YE/BN* *RING BICOLOUR
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GROUP 1

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYPROPYLENE
INSULATION COLOR	VARIOUS COLOURS
DRAIN WIRE	DRAIN WIRE TINNED COPPER
SCREEN	SCREEN TINNED COPPER 90 % ± 5 %
SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
SHEATH	INNER JACKET POLYOLEFIN COMPOUND.

GROUP 2

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYPROPYLENE
INSULATION COLOR	VARIOUS COLOURS

OVERALL STRANDING



FILLER	FILLER POLYPROPYLENE
SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
SHEATH	POLYURETHANE COMPOUND (TMPU)
SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES

EXCEPTIONS

INS. COLOUR EXC	GROUP 1 3X(2X0,14) : YE-GN, RD-OR, BK-BN GROUP 2 4X0,14 : GY, BU, WH/YE*, WH/BK* GROUP 2 2X0,50 : BN/RD*, BN/BU* *RING BICOLOUR
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GROUP 1

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYPROPYLENE
INSULATION COLOR	VARIOUS COLOURS
DRAIN WIRE	DRAIN WIRE TINNED COPPER
SCREEN	SCREEN TINNED COPPER 90 % ± 5 %
SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
SHEATH	INNER JACKET POLYOLEFIN COMPOUND.

GROUP 2

CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
INSULATION	POLYPROPYLENE
INSULATION COLOR	VARIOUS COLOURS

OVERALL STRANDING



FILLER	FILLER POLYPROPYLENE
SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
SEPARATION LAYER	OVERALL STRANDING NON-WOVEN TAPE
SHEATH	POLYURETHANE COMPOUND (TMPU)
SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES

EXCEPTIONS

INS. COLOUR EXC	GROUP 1 3X(2X0,14) : YE-GN, RD-OR, BK-BN GROUP 2 4X0,14 : GY, BU, WH/YE*, WH/BK* GROUP 2 4X0,25 : BN/YE*, BN/GY*, GN/BK*, GN/RD* GROUP 2 2X0,50 : BN/RD*, BN/BU* *RING BICOLOUR
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