

SERIES 75000 Industrial Ethernet AWM, CMX or CMR data transmission cables

Fixed and dynamic application

Size / No.cond	26+24 AWG (0,15+0,22 mm ²) / 4+8
Conductor	Rigid bare copper (fixed application cable) or flexible bare copper (dynamic application cable)
Insulation	TKblend®-L
Conductor distinction	White/Blue + Blue, White/Orange + Orange, White/Green + Green, White/Brown + Brown (depending on cable type)
Shield	Aluminum/polyester tape and tinned copper braid, nom. coverage 85%
Jacket	PVC or PUR (depending on cable type), Violet or gray color
Temperature range	-40°C+20°C (depending on cable type) +70°C+80°C (depending on cable type)
Voltage rating	125 V+1000 V (depending on cable type)
Bending radius	6 x cable outer diameter or 15 x cable outer diameter (depending on cable type)
Standards of construction	IEC 60332-1-2, IEC 60811-2-1, EN 50363-4-1, IEC 60754-1, EN 50267-2-1, UL 758, UL 1581, CSA C22.2 No. 210, CSA AWM I/II A/B, cURus AWM or UL 444 type CMX or CMR (depending on cable type)



SERIES 77000 Profinet AWM data transmission cables

Fixed and dynamic application

Size / No.cond	22 AWG (0,35+0,38 mm ²) / 4
Conductor	Rigid bare copper (fixed application cable) or flexible bare copper (dynamic application cable)
Insulation	TKblend®-L
Conductor distinction	White + Blue + Yellow + Orange
Shield	Aluminum/polyester tape and tinned copper braid, nom. coverage 85%
Jacket	PVC or PUR (depending on cable type), RAL 6018 green color
Temperature range	-40°C+20°C (depending on cable type) +60°C+80°C (depending on cable type)
Voltage rating	300 V
Bending radius	8 x cable outer diameter or 12 x cable outer diameter (depending on cable type)
Standards of construction	IEC 60332-1-2, IEC 60811-2-1, EN 363-4-1, UL 758, UL 1581, CSA C22.2 No. 210, CSA AWM I/II A/B, cURus AWM (depending on cable type)



SERIES 78000 Drive-CLiQ AWM data transmission cables

Fixed and dynamic application

Size / No.cond	26+22 AWG (0,15+0,35 mm ²) / 6
Conductor	Rigid bare copper (fixed application cable) or flexible bare copper (dynamic application cable)
Insulation	TKblend®-YP
Conductor distinction	Red + Black, Yellow + Green + Pink + Blue
Shield	Tinned copper braid, nom. coverage 85%
Jacket	PUR, RAL 6018 green color
Temperature range	-50°C+25°C (depending on cable type) +60°C+80°C (depending on cable type)
Voltage rating	300 V
Bending radius	8 x cable outer diameter or 12 x cable outer diameter (depending on cable type)
Standards of construction	EN 50363-10, IEC 60754-1, EN 50267-2-1, UL 758, UL 1581, CSA C22.2 No. 210, CSA AWM I/II A/B, cURus AWM (depending on cable type)



SIGNS LABELS Safety signs and labels

Material	PVC with adhesive layer and protective lamination or Anodized aluminum 0.5 mm thickness with white background and 3.5 mm holes on the edges
Hazard level	Caution, Warning, Danger, Notice
Languages	English, French, Spanish (other languages available on request)
Size	Small, Standard and for application inside the Control Panels
Use	Indoor and outdoor
Minimum working temperature	-40°C
Maximum working temperature	+60°C+100°C (depending on the product type)
Standard packaging	PVC version: 12 pcs, Aluminum version: 6 pcs
Standards of construction	ANSI Z535, UL 969, CSA C22.2 No.0.15, ISO 3864, RoHS, c(UL)us Recognized - File# PDGQ2.MH60136, PGDQ8.MH60136



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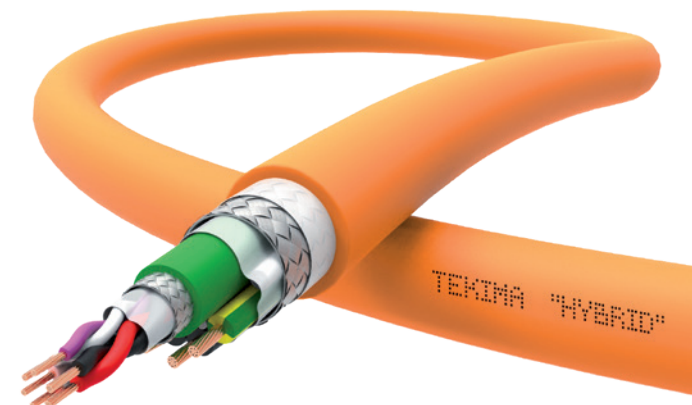


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We develop the product you need, by **customising** it and offering a unique and exclusive **cut-to-size service**.

We develop product kits for you, **ready for installation**.

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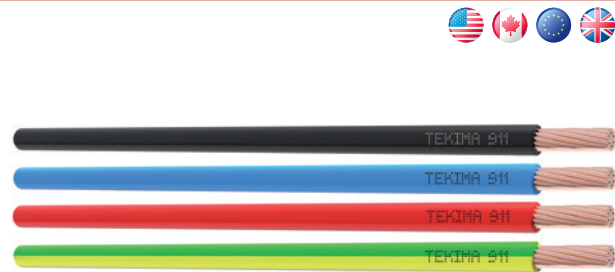
Products Overview

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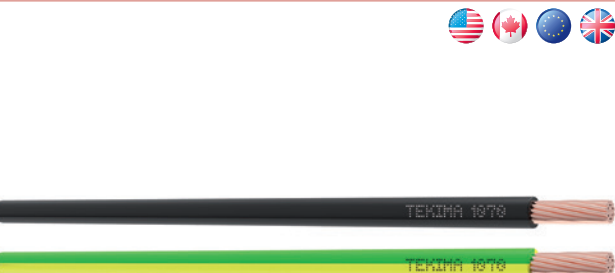
SERIES 911 **Single core cables Style 1015**
Fixed application, unshielded

Size / No.cond	22 AWG+450 kcmil (0,34+240 mm ²) / 1
Conductor	Red or tinned copper flexible strand
Insulation	PVC according to with UL 758
Temperature range	+105°C (AWM), +90°C (IEC), +90°C (HAR H05V2-K/H07V2-K <50 mm ²), +70°C (HAR H07V-K ≥50 mm ²) -40°C (fixed); -5°C (not fixed)
Voltage rating	600 Vac, 750 Vdc (AWM); 300/500 V (IEC/HAR H05V2-K ≤1mm ²), 450/750 V (IEC/HAR H07V2-K/H07V-K >1 mm ²)
Bending radius	4 x cable outer diameter (13 x cable outer diameter for non-cyclical mobile uses)
Standards of construction	UL 758 Flame res.: Test B acc. to DIN VDE 0472 part 804, IEC 60332-1-2, UL VW-1, UL/CSA FT1 Other: CEI EN 50525-2-31 and HD 21.3 S3:1995+A1:1999+A2:2008, CSA AWM I A/B, cURus AWM Style 1015



SERIES 1070 **Single core cables type THHW/TFF MTW AWM TEW**
Fixed application, unshielded

Size / No.cond	22 AWG+450 kcmil (0,34+240 mm ²) / 1
Conductor	Flexible bare copper strand, class 5
Insulation	PVC compound
Temperature range	+90°C (MTW), +105°C (AWM/TEW), +90°C (IEC), +90°C (HAR H05V2-K/H07V2-K <50 mm ²), +70°C (HAR H07V-K ≥50 mm ²) -40°C (fixed); -5°C (not fixed)
Voltage rating	1000 V (AWM), 600 V (MTW), 300/500 V (IEC/HAR H05V2-K ≤1 mm ²), 450/750 V (IEC/HAR H07V2-K/H07V-K >1 mm ²)
Bending radius	4 x cable outer diameter (13 x cable outer diameter for wnon-cyclical mobile uses)
Standards of construction	Nec Art. 310, 402 - Oil res.: UL 1277, UL 1063, TFF (≤1,5 mm ²) / THHW (≥2,5 mm ²), TEW (≤4/0 AWG) Flame res.: Test B acc. to DIN VDE 0472 part 804, IEC 60332-1-2, UL/CSA FT1, Other: CEI EN 50525-2-31 and HD 21.3 S3:1995+A1:1999+A2:2008, CSA AWM I A/B TEW, cURus AWM Style 10269, MTW



SERIES 361S **Low capacity VFD 3xG or 1xG cables, AWM**
Fixed application, shielded

Size / No.cond	16 AWG+450 kcmil (1,5+240 mm ²) / 4 or 6
Conductor	Flexible copper strand, class 5
Insulation	TKblend®-YP
Conductor distinction	3 wires gray, black, brown + 3 wires yellow/green or 3 wires gray, black, brown + 1 wire yellow/green
Shield	Aluminum/polyester foil, coverage 100% + Tinned copper braid, nom. coverage 70%
Jacket	PVC compound, oil-resistant, black or RAL 7001 gray color on request. Metric marking.
Temperature range	+90°C (IEC), +80°C (UL/CSA) -40°C (fixed); -5°C (not fixed)
Voltage rating	600 V (UL-CSA), 600/1000V (IEC)
Bending radius	4 x cable outer diameter (fixed) 15 x cable outer diameter (not fixed)
Standards of construction	Flame res.: IEC 60332-1-2, IEC 60332-3-24, NBN C30-004 cat. F2, UL VW-1, CSA FT1 UV res.: UNI EN ISO 4892-3 (gray), UNI EN ISO 4892-2 (black) Oil res.: DIN EN 50290-2-22, VDE 0819-102 Other: CEI EN 60228, DIN VDE 0295, IEC 60228, DIN VDE 0293, UL 758, CSA AWM I/II A/B, cURus AWM Style 2570, Low Voltage, Directive (LVD) 2006/95/EC



SERIES 365S **Low capacity VFD 3xG or 1xG cables, TC-ER/CIC,MTW,WTTC, Direct Burial, Sun Res**
Fixed application, shielded

Size / No.cond	10 AWG+450 kcmil (6+240 mm ²) / 4 or 6
Conductor	Flexible copper strand, class 5
Insulation	Special XLPE (type XHHW-2)
Conductor distinction	Black numbered + 3 wires yellow/green or Black numbered + 1 wire yellow/green
Shield	Aluminum/polyester foil, coverage 100% + Tinned copper braid + Drain wire
Jacket	PVC compound, oil-resistant, black color. Metric marking.
Temperature range	-40°C (fixed); -5°C (not fixed), +90°C
Voltage rating	600 V (TC/CIC/MTW), 1000 V (WTTC), 600/1000 V (IEC)
Bending radius	6 x cable outer diameter (fixed) 20 x cable outer diameter (not fixed)
Standards of construction	UL/CSA approvals: (UL) Type TC-ER, MTW, WTTC, Dir Bur, Sun Res Oil Res I, c(UL) Type CIC/TC-ER, Dir Bur, Sun Res, Oil Res I, Type RW90 (≥14 AWG); NFPA 79: Class 1, Div. 2 NEC Art. 336, 392, 501, CSA C22.1 Tab.19; UL 1063, UL 1277, UL 2277, CSA C22.2 No.239-09 Flame res.: FT4/IEEE UL 1685 UV res.: UNI EN ISO 4892-2 (black) Oil res.: Oil Res I UL 1277; Water res.: 90°C UL 1277; Other: Direct Burial UL 1277, Low Voltage Directive (LVD) 2014/35/EU



SERIES 8110 8110S **Power and Control Tray Cable, TC-ER/CIC/MTW/WTTC/AWM, Direct Burial, Sun Res, Hazardous Locations**
Fixed application, unshielded or shielded

Size / No.cond	18 AWG+450 kcmil (1+240 mm ²) / 2+25
Conductor	Flexible copper strand, class 5
Insulation	TKblend®-R
Conductor distinction	Black numbered + yellow/green (beginning from 3 conductors)
Shield	Tinned copper braid, nom. coverage 85%
Jacket	PVC compound, oil-resistant, RAL 7001 gray color. Metric marking.
Temperature range	+90°C (dry conditions), +75°C (wet conditions) -40°C (fixed); -5°C (not fixed)
Voltage rating	600 V (TC/CIC/MTW), 1000 V (AWM/WTTC), 600/1000 V (IEC)
Bending radius	4 x cable outer diameter (15 x cable outer diameter for non-cyclical mobile uses)
Standards of construction	UL/CSA approvals: (UL) Type TC-ER-HL* (18 AWG-1000 kcmil), MTW, WTTC, Dir Bur, Sun Res, Oil Res I, c(UL) Type CIC/TC-ER (18 AWG-4/0 AWG), Dir Bur, Sun Res, Oil Res I, cURus AWM Style 21179, AWM I/II A/B; Class 1, Div.1* or Div.2 NEC Art. 336, 392, 501; CSA C22.1 Tab.19; UL 1581, UL 758, UL 1277, UL 1063, UL 2277, CSA C22.2 No.230-09 e No. 239-09 Flame res.: FT1, FT4, IEC 60332-1-2, IEC 60332-3-24 UV res.: UNI EN ISO 4892-3 (grigio/gray), UNI EN ISO 4892-2 (black) Other: Low Voltage Directive (LVD) 2014/35/EU



* Hazardous Locations version upon request.

SERIES 71000 **Profibus AWM or CMX data transmission cables**
Fixed and dynamic application

Size / No.cond	24+22 AWG (0,25+0,35 mm ²) / 4
Conductor	Rigid bare copper (fixed application cable) or flexible bare copper (dynamic application cable)
Insulation	TKblend®-L
Conductor distinction	Green + Red
Shield	Aluminum/polyester tape and tinned copper braid, nom. coverage 85%
Jacket	PVC or PUR (depending on cable type), Desina RAL 4001 violet color
Temperature range	-40°C+/-10°C (depending on cable type) +70°C+/-80°C (depending on cable type)
Voltage rating	300 V
Bending radius	10 x cable outer diameter or 15 x cable outer diameter (depending on cable type)
Standards of construction	IEC 60332-1, IEC 60811-2-1, EN 50363-4-1, UL 758, UL 1581, CSA C22.2 No. 210, CSA AWM I/II A/B, cURus AWM or UL 444 type CMX (depending on cable type)



SERIES 73000 **Devicenet AWM data transmission cables**
Fixed and dynamic application

Size / No.cond	15+22 AWG (0,25+1,5 mm ²) / 4
Conductor	Flexible bare copper
Insulation	TKblend®-L
Conductor distinction	Black + Red (power pair); Blue + White (signal pair)
Shield	Aluminum/polyester tape on pairs (coverage 100%), overall tinned copper braid, nom. coverage 65%.
Jacket	PVC or PUR (depending on cable type), Desina RAL 4001 violet or Gray color (depending on cable type)
Temperature range	-40°C, +80°C
Voltage rating	300 V
Bending radius	10 x cable outer diameter
Standards of construction	IEC 60332-1, IEC 60811-2-1, EN 50267-2-1, IEC 60754-1-2, UL 758, UL 1581, CSA C22.2 No. 210, CSA AWM I/II A/B, cURus AWM (depending on cable type)



SERIES 74000 **CanOpen AWM data transmission cables**
Fixed and dynamic application

Size / No.cond	24+22 AWG (0,22+0,34 mm ²) / 2+6
Conductor	Flexible bare copper
Insulation	TKblend®-L
Conductor distinction	White + Brown + Green + Yellow + Grey + Pink (depending on cable type)
Shield	Tinned copper braid, nom. coverage 85%
Jacket	PVC or PUR (depending on cable type), Desina RAL 4001 violet color
Temperature range	-40°C+/-20°C (depending on cable type) +80°C
Voltage rating	300 V
Bending radius	10 x cable outer diameter
Standards of construction	IEC 60332-1, IEC 60811-2-1, UL 758, UL 1581, CSA C22.2 No. 210, CSA AWM I/II A/B, cURus AWM (depending on cable type)

