



Ordering Code for Railway Signalling Cables (RAILSIG Series)

➤ RSA/B-CDEFGHIJ-K-LMNO

A. Design Standard

107y: DLK 1.013.107y Standard
108y: DLK 1.013.108y Standard
109y: DLK 1.013.109y Standard
110y: DLK 1.013.110y Standard
00014: NR/PS/TEL/00014 Standard (formerly RT/E/PS/00014)
27220: NR/PS/ELP/27220 Standard (formerly RT/E/PS/0034)
1932: BR1932 Standard
7621A2/T1: LUL G7621 A2 Type 1 Standard (for PVC Sheath)
7621A2/T2: LUL G7621 A2 Type 2 Standard (for LSZH Sheath)
7622A1/T1: LUL G7622 A1 Type 1 Standard (for PVC Sheath)
7622A1/T2: LUL G7622 A1 Type 2 Standard (for LSZH Sheath)
7623A2: LUL G7623 A2 Standard
2029: TR2029 Standard

B Basic Type

A-: Outdoor Cables
AJ-: Outdoor Cables with inductive protection
CV: Unsheathed Board Wiring Cables (French RATP Railway Standard)
CV-S: Unsheathed Flexible Board Wiring Cables (French RATP Railway Standard)
CVZ: Sheathed Board Wiring Cables (French RATP Railway Standard)
CVZ-S: Sheathed Flexible Board Wiring Cables (French RATP Railway Standard)
ZUG: Multipair Internal Equipment Cables (French RATP Railway Standard)
ZUT: Multipair Screened Internal Equipment Cables (French RATP Railway Standard)
SUG: Multicore Internal Equipment Cables (French RATP Railway Standard)
SCG: Local Control Cables (French RATP Railway Standard)
A1: Unsheathed EPR/LSZH Insulated Railway Signalling Cables (UK NETWORK RAIL Standard)
A2: EPR/LSZH Insulated & LSZH Sheathed Single Core Railway Signalling Cables (UK NETWORK RAIL Standard)
A3: EPR/LSZH Insulated & LSZH Sheathed Multicore Railway Signalling Cables (UK NETWORK RAIL Standard)
B1: EPR Insulated & HDPCP Sheathed Single Core Class 2 Stranded Railway Signalling Cables (UK NETWORK RAIL Standard)
B2: EPR Insulated & HDPCP Sheathed Multicore Class 2 Stranded Railway Signalling Cables (UK NETWORK RAIL Standard)
C1: EPR Insulated & HDPCP Sheathed Single Core Class 5 Stranded Railway Signalling Cables (UK NETWORK RAIL Standard)

C2: EPR Insulated & HDPCP Sheathed Multicore Class 5 Stranded Railway Signalling Cables (UK NETWORK RAIL Standard)

C3: EPR Insulated & HDPCP Sheathed Single Pair Screened Class 5 Stranded Railway Signalling Cables (UK NETWORK RAIL Standard)

D1: EPR/LSZH Insulated & LSFROH Sheathed Single Core Class 2 Stranded Railway Signalling Cables (UK NETWORK RAIL Standard)

D2: EPR/LSZH Insulated & LSZH Sheathed Multicore Class 2 Stranded Railway Signalling Cables (UK NETWORK RAIL Standard)

E1: EPR/LSZH Insulated & LSZH Sheathed Single Core Class 5 Stranded Railway Signalling Cables (UK NETWORK RAIL Standard)

E2: EPR/LSZH Insulated & LSZH Sheathed Multicore Class 5 Stranded Railway Signalling Cables (UK NETWORK RAIL Standard)

EAPSP: Steel Tape Armoured Railway Signalling Cables (Spanish RENFE Railway Standard)

EAPSP-R: Steel Tape Armoured Jelly Filled Railway Signalling Cables (Spanish RENFE Railway Standard)

CCPSSP-FR0.3: Anti Induction PE Sheathed Railway Signalling Cables with Reduction Factor 0.3 (Spanish RENFE Railway Standard)

CCPSSP-FR0.1: Anti Induction PE Sheathed Railway Signalling Cables with Reduction Factor 0.1 (Spanish RENFE Railway Standard)

CCPSSP-R-FR0.1: Anti Induction PE Sheathed Jelly Filled Railway Signalling Cables with Reduction Factor 0.1 (Spanish RENFE Railway Standard)

CCTSST-FR0.1: Anti Induction FRNC-PE Sheathed Railway Signalling Cables with Reduction Factor 0.1 (Spanish RENFE Railway Standard)

CCTSST-FR0.3: Anti Induction FRNC-PE Sheathed Railway Signalling Cables with Reduction Factor 0.3 (Spanish RENFE Railway Standard)

ZPAU: Anti Induction PE Sheathed Copper Tape Screened Multipair Railway Signalling Cables (French RATP Railway Standard)

ZPFU: Anti Induction PE Sheathed Unscreened Multipair Railway Signalling Cables (French RATP Railway Standard)

ZPGU: PE Sheathed Multipair Railway Signalling Cables (French RATP Railway Standard)

ZCO3: Anti Induction PE Sheathed Multiquad Railway Signalling Cables (French RATP Railway Standard)

K23: Anti Induction LSZH Sheathed Multiquad Subway Signalling Cables (French RATP Railway Standard)

K24: LSZH Sheathed Multipair LSZH Subway Signalling Cables (French RATP Railway Standard)

K13: PVC Sheathed Multipair LSZH Subway Signalling Cables (French RATP Railway Standard)

DIG: Digicode 30KHz Indoor Signalling Cables (French RATP Railway Standard)

SXCAV & SXCAG: Switching Centre Signalling Cables (Belgium SNCB Railway Standard)

SW: Switching Centre Signalling Cables (Swiss SBB Railway Standard)

RT/F3-D type: Unarmoured PE/LSZH Sheathed Axle Counter Cables (UK NETWORK RAIL Standard)

RT/F3-S type: Steel Tape Armoured PE/LSZH Sheathed Axle Counter Cables (UK NETWORK RAIL Standard)

RT/F3-B type: Brass Tape Armoured PE/LSZH Sheathed Axle Counter Cables (UK NETWORK RAIL Standard)

RT/F3-R type: Ruggedised PE Sheathed Axle Counter Cables (UK NETWORK RAIL Standard)

RT/F3-S/E1: PE/LSZH Sheathed Axle Counter Cables Reduction Factor 0.65 (UK NETWORK RAIL Standard)

RT/F3-S/E2: PE/LSZH Sheathed Axle Counter Cables Reduction Factor 0.45 (UK NETWORK RAIL Standard)

RT/F3-S/E3: PE/LSZH Sheathed Axle Counter Cables Reduction Factor 0.2(UK NETWORK RAIL Standard)

SPFB: Speed Control System Balise Cables (French KVB System)

SIF: Speed Control Eurobalise Cables (European ERTMS System)



BGA: Speed Control Eurobalise Cables (European ERTMS System)

K27: Fire Resistant Silicon Rubber Insulated LSZH Sheathed Signalling Cables

MD4: Fire Resistant Mica Tape Insulated LSZH Sheathed Railway Signalling Cables

RT/ZHLS: LSZH Sheathed Trackside Telephone Cables

C Insulation

02Y: Cellular PE

2Y: Solid PE

02YS: Foam Skin (Cellular / Solid PE Dual Layer)

Y: PVC

2G: Silicone Rubber

3G: EPR

H: LSZH

D Filling

(F): Petroleum Jelly Filling

Blank: Unfilled

E Screening

(St): Static shield of plastic-backed aluminium tape

Blank: No screen

F Bedding

2Y: PE

Y: PVC

H: LSZH

(L)2Y: Aluminium/PE Laminated sheath

Blank: No Inner Sheath

G Electrostatic Shield

D: Copper wire concentric screen

(K): Copper tape screen

C: Copper wire braid screen

(...Cu): Total cross section of copper shield in mm²

H Electromagnetic Shield

B: Single / Double layer of Galvanised Steel Tape Armor

(1B... 0.5): One Layer of Helically Applied Steel Tape, thickness of Steel Tape in 0.5 mm.

(1B... 0.8): One Layer of Helically Applied Steel Tape, thickness of Steel Tape in 0.8 mm.

(2B... 0.5): Two Layers of Helically Applied Steel Tape, thickness of Steel Tape in 0.5 mm.

(2B... 0.8): Two Layers of Helically Applied Steel Tape, thickness of Steel Tape in 0.8 mm.

I Armoring

b: Steel Tape Armoring

SR- Corrugated Steel Tape Armouring

Blank: No Armour

J Sheath

2Y: PE

2Yv: Reinforced PE Sheath

Y: PVC

H: LSZH

Hv: Reinforced LSZH Sheath

5G: HDPCP

4Y: PA Sheath

K No of Cores/ Pairs/Quads × Conductor Diameter / Number of Cores/Pairs/Quads × Cross Section

NC0.9: N Cores×0.9mm

NC1.4: N Cores×1.4mm

NC1.8: N Cores×1.8mm

NP0.9: N Pairs×0.9mm

NP1.4: N Pairs×1.4mm

NP1.8: N Pairs×1.8mm

NQ0.9: N Quads×0.9mm

NQ1.4: N Quads×1.4mm

NQ1.8: N Quads×1.8mm

NC0.5S: N Cores×0.5 mm²

NP1.0S: N Pairs×1.0 mm²

NQ1.5S: N Quads×1.5 mm²

NG0.5: N Cores×0.5 mm²

L Cable Category

S- Signal Cables

M Types of Stranding

Bd: Twisted in layers

Lg: Twisted in units

N Operating Capacity / Mutual Capacitance

H145: Mutual Capacitance of 145nF/Km

H115: Mutual Capacitance of 115nF/Km

H95: Mutual Capacitance of 95nF/Km

H45: Mutual Capacitance of 45nF/Km

O Reduction Factor

R4: R401 Series (Reduction Factor 0.15)

R5: R501 Series (Reduction Factor 0.35)

R6: R601 Series (Reduction Factor 0.55)

P Fire Retardance & Resistance Options

I1: Fire propagation to IEC 60332-1

I3C: Fire propagation to IEC 60332-3C

E30: 30 mins Circuit integrity according to DIN 4102

Part 12

E60: 60 mins Circuit integrity according to DIN 4102

Part 12

E180: 180 mins Circuit integrity according to DIN 4102 Part 12

B6387CWZ: BS 6387 CWZ

Ordering Code for Railway Control & Power Cables (RAILFEEDER Series)

➤ RFA/B-C-DEFG-HI-J

A. Design Standard

55625: NF F 55-625 Standard

21101: RT/E/S/21101 Standard

14025: EME-SP-14-025 / SE908 Standard

14026: EME-SP-14-026 Standard

14027: EME-SP-14-027 Standard

14028: EME-SP-14-028 Standard

260: SE260 Standard

774: SE774 Standard

895: SE895 Standard

902: SE902 Standard

1047: SE1047 Standard

LU12: LU Section 12 Standard

880: BR880 Standard

40045: NR/S/ELP/40045 Standard

00008: NR/PS/ELP/00008 Standard

7835: BS 7835 Standard

6622: BS 6622 Standard

7655: BS 7655 Standard

31102: NR/PS/TEL/31102 (BR1817) Standard



B. Basic Types

K25: Class 2 plain copper conductor to IEC 60228, XLPE Insulated, steel tape armoured and low smoke halogen free polyolefin sheathed trackfeeder cables

NSGAFOU: Single Core EPR insulated and PCP sheathed cable

H07RN-F: 450/750V EPR insulated and PCP sheathed cables

H01N2-D: 450/750V CSP sheathed welding cables, HOFR, heat resistant, oil resistant and flame retardant

VV-U: Class 2 plain copper conductor to IEC 60228, PVC insulated and PVC sheathed cables

VV-K: Class 5 flexible plain copper conductor to IEC 60228, PVC insulated and PVC sheathed cables

Z1Z1-U: Class 2 plain copper conductor to IEC 60228, low smoke halogen free polyolefin insulated and low smoke halogen free polyolefin sheathed cables

Z1Z1-K: Class 5 flexible plain copper conductor to IEC 60228, low smoke halogen free polyolefin insulated and low smoke halogen free polyolefin sheathed cables

RZ1-U(AS): Class 2 plain copper conductor to IEC 60228, XLPE insulated and low smoke halogen free polyolefin sheathed safety cables

RZ1-K(AS): Class 5 flexible plain copper conductor to IEC 60228, XLPE insulated and low smoke halogen free polyolefin sheathed safety cables

ES07Z-U(AS): 450/750V Class 2 plain copper conductor to IEC 60228, low smoke halogen free polyolefin insulated safety cables, unsheathed

ES07Z-K(AS): 450/750V Class 5 flexible plain copper conductor to IEC 60228, low smoke halogen free polyolefin insulated safety cables, unsheathed.

DZ1-U(AS): Class 2 plain copper conductor to IEC 60228, EPR insulated and low smoke halogen free polyolefin sheathed safety cables

DZ1-K(AS): Class 5 flexible plain copper conductor to IEC 60228, EPR insulated and low smoke halogen free polyolefin sheathed safety cables.

DOZ1-U(AS): Class 2 plain copper conductor to IEC 60228, EPR insulated, aluminum/polyester tape screened and low smoke halogen free polyolefin sheathed high safety cables

DOZ1-K(AS): Class 5 flexible plain copper conductor to IEC 60228, EPR insulated , aluminum/polyester tape screened and low smoke halogen free polyolefin sheathed high safety cables

SZ1-U(AS+): Class 2 plain copper conductor to IEC 60228, silicon rubber insulated and low smoke halogen free polyolefin sheathed high safety cables

SZ1-K(AS+): Class 5 flexible plain copper conductor to IEC 60228, silicon rubber insulated and low smoke halogen free polyolefin sheathed high safety cables.

SOZ1-U PH90 (AS+): Class 2 plain copper conductor to IEC 60228, silicon rubber insulated, aluminum/polyester tape screened and low smoke halogen free polyolefin sheathed high safety cables with fire resistance to EN 50200 PH 90

SOZ1-K PH 90 (AS+): Class 5 flexible plain copper conductor to IEC 60228, silicon rubber insulated , aluminum/polyester tape screened and low smoke halogen free polyolefin sheathed high safety cables with fire resistance to EN 50200 PH 90

MICC: Solid plain annealed copper, magnesium oxide insulated and copper sheathed fire resistant cables.

RZ1MZ1-U (AS): Class 2 plain copper conductor to IEC 60228, XLPE Insulated. steel wire armoured and low smoke halogen free polyolefin sheathed safety cables

RZ1MZ1-K(AS): Class 5 flexible plain copper conductor to IEC 60228, XLPE Insulated, steel wire armoured and low smoke halogen free polyolefin sheathed safety cables

RZ1MZ1-U MICA (AS+): Class 2 plain copper conductor to IEC 60228, MICA/XLPE Insulated., steel wire armoured and low smoke halogen free polyolefin sheathed safety cables



RZ1MZ1-K MICA (AS+): Class 5 flexible plain copper conductor to IEC 60228, MICA/XLPE Insulated, steel wire armoured and low smoke halogen free polyolefin sheathed safety cables

RZ1F3Z1-U(AS): Class 2 plain copper conductor to IEC 60228, XLPE Insulated, steel tape armoured and low smoke halogen free polyolefin sheathed safety cables

RZ1F3Z1-K(AS): Class 5 flexible plain copper conductor to IEC 60228, XLPE Insulated, .steel tape armoured and low smoke halogen free polyolefin sheathed safety cables

VC4VV-U: Class 2 plain copper conductor to IEC 60228, PVC insulated, copper wire braided, PVC inner sheathed and PVC over sheathed concentric cables

RC4Z1Z1-U: Class 2 plain copper conductor to IEC 60228, XLPE insulated, copper wire braided, low smoke halogen free polyolefin inner sheathed and low smoke halogen free polyolefin over sheathed concentric cables

VC4VC4V-U: Class 2 plain copper conductor to IEC 60228, PVC insulated, copper wire spiral screened, PVC inner sheathed, copper wire braided and PVC over sheathed concentric cables

RC4Z1C4Z1-U: Class 2 plain copper conductor to IEC 60228, XLPE insulated, copper wire spiral screened, low smoke halogen free polyolefin inner sheathed, copper wire braided and low smoke halogen free polyolefin over sheathed concentric cables

RHZ1 H16- Class 2 plain copper conductor to IEC 60228, semi conducting conductor screen, XLPE insulated, semi conducting insulation screen, copper wire + copper tape screened and low smoke halogen free polyolefin sheathed medium voltage cables

RHZ1MZ1: Class 2 plain copper conductor to IEC 60228, semi conducting conductor screen, XLPE insulated, semi conducting insulation screen, individual and overall copper tape screened, low smoke halogen free polyolefin inner sheathed, steel wire armoured and low smoke halogen free polyolefin sheathed medium voltage cables

RHVMV: Class 2 plain copper conductor to IEC 60228, semi conducting conductor screen, XLPE insulated, semi conducting insulation screen, individual and overall copper tape screened, PVC inner sheathed, steel wire armoured and PVC sheathed medium voltage cables

XKDT: Class 2 plain copper conductor to IEC 60228, semi conducting conductor screen, XLPE insulated, semi conducting insulation screen, copper wire screened, longitudinal watertight and PE sheathed medium voltage cables

XKDT-YT: Class 2 plain copper conductor to IEC 60228, semi conducting conductor screen, XLPE insulated, semi conducting insulation screen, three twisted single core, copper wire screened, longitudinal watertight and HDPE sheathed medium voltage cables

XKDT-FT: Class 2 plain copper conductor to IEC 60228, semi conducting conductor screen, XLPE insulated, semi conducting insulation screen, three twisted single core, copper wire screened, galvanized steel flat wire armoured, longitudinal watertight and PE sheathed medium voltage cables

C Voltage Rating

300/500V: 300/500V; 450/750V-450/750V; 0.6/1KV: 600/1000V; 300N-300V DC Negative; 1800P-1800V DC Positive

6.35/11KV: 6.35/11KV; 19/33KV-19/33KV

H: No of Cores × Conductor Diameter / Number of Cores × Cross Section

3G0.5: 3 Cores×0.5mm²



I Conductor Type

AL: Aluminium CU: Copper

J Fire Retardance & Resistance Options

FR: Fire Resistant

I1: Fire propagation to IEC 60332-1

I3C: Fire propagation to IEC 60332-3C

E30: 30 mins Circuit integrity according to DIN 4102 Part 12

E60: 60 mins Circuit integrity according to DIN 4102 Part 12

E180: 180 mins Circuit integrity according to DIN 4102 Part 12

B6387CWZ: BS 6387 CWZ

Ordering Code for Railway Traction Cables (FIRERAIL Series)

↘ FRA-A-BC-D-E-F-G

A Wall Type

SW: Standard Wall

MW: Medium Wall

TW: Thin Wall

HT: High Temperature

B Voltage Type

0.5: 300/500V

1: 0.6/1KV

3: 1.8/3KV

6: 3.6/6KV

C Core Type

S: Single Core

M: Multi Core

MP: Multi Pair

D Insulation or Sheath Type

U: Unsheathed

SW: Standard Wall Sheath

ESW: Exposed Standard Wall Sheath

RI: Reinforced Insulation

E Screen Type

OS: Overall Screen

IOS: Individual & Overall Screen

F Number of Cores and Pairs

10G: 10 Cores

G: Cross Section Areas

1.5: 1.5mm²



Ordering Code for Railway Fiber Optic Cables (RAIOPTICS Series)

➤ Central Loose Tube Cable

➤ RO/A-CL-B-C-D-E-F-G-H-I-J-K

A; Cable Category

K209A/B: Railway Fiber Optic Cables
2328: SNCF CT2328 / SNCT CT 2329
2513: SNCF CT2513-99 / SNCT CT 2513-99
2242: SNCF CT2242.6.1

B: Loose tube diameter

A=2.1mm, B=2.5mm

C: Fiber type

0=Fiber and copper conductors in cable
4=50/125 multi-mode fiber (OM3) per ITU-T G.651
5=50/125 multi-mode fiber (OM2) per ITU-T G.651
6=62.5/125 multi-mode fiber (OM1) per ITU-T G.651
7=NZDS SM fiber per ITU-T G.656.
8=NZDS SM fiber per ITU-T G.655.
9=Standard SM fiber per ITU-T G.652.D
Ended with R=Ribbon type fiber (Ex: 9R= SM fiber
per G.652.D ribbon type)

D: No. of fibers: 1 to 24

E: Bedding

2Y=PE, Y=PVC, H=LSZH

F: Armour

Blank=No armour, T=Corrugated steel tape armour,
W=Steel wire armour
B=Bronze armour, D=Fiber glass armour; TW= Steel
tape + Steel wire armour

G: Sheath

2Y=PE, Y=PVC, H=LSZH, 11Y=PU, A=Aluminium
moisture barrier,
T=Anti-termite protection

H: Water-blocking options for cable core

X=No water-blocking; J= Water blocking gel in tubes;
JD=Water-blocking gel in tubes + dry water blocking
in cable core interstices;
JJ= Water-blocking gel in tubes and cable core
interstices.

I: Water-blocking options for cables with more than one jacket

X=No water-blocking, J= Water blocking gel between
jackets;
D=Dry water-blocking between cable jackets;

J: Strength member

A=Aramid yarn, AG=Aramid yarn and fiberglass yarn,
G=Fiberglass yarn

K: General options

SS=Fig-8 self-supporting



Multi Loose Tube Cable

RO/A-ML-B-C-DxE-F-G-H-IJ-K-L-M

A; Cable Category

K209A/B: Railway Fiber Optic Cables
2328: SNCF CT2328 / SNCT CT 2329
2513: SNCF CT2513-99 / SNCT CT 2513-99
2242: SNCF CT2242.6.1

B: Loose tube diameter

B=2.1mm, C=2.5mm, D=2.8mm, E=3.0mm, F=3.2mm

C: Fiber type

0=Fiber and copper conductors in cable
4=50/125 multi-mode fiber (OM3) per ITU-T G.651
5=50/125 multi-mode fiber (OM2) per ITU-T G.651
6=62.5/125 multi-mode fiber (OM1) per ITU-T G.651
7=NZDS SM fiber per ITU-T G.656.
8=NZDS SM fiber per ITU-T G.655.
9=Standard SM fiber per ITU-T G.652.D
Ended with R=Ribbon type fiber (Ex: 9R= SM fiber per G.652.D ribbon type)

D: No. of tubes: 1 to 36

E: No. of fibers per tubes: 2 to 12

F: Central member

S=Solid steel, SR=Stranded steel, F=Fiber Reinforced Plastic (FRP)

G: Bedding

2Y=PE, Y=PVC, H=LSZH

H: Armour

Blank=No armour, STA=Corrugated steel tape armour, SWA=Steel wire armour
B=Bronze armour, F=Fiber glass armour; TW= Steel tape + Steel wire armour

I: Sheath

2Y=PE, Y=PVC, H=LSZH,
11Y=PU, A=Aluminium moisture barrier, T=Anti-termite protection

J: Water-blocking options for cable core

X=No water-blocking; J= Water blocking gel in tubes;
JD=Water-blocking gel in tubes + dry water blocking in cable core interstices;
JJ= Water-blocking gel in tubes and cable core interstices.

K: Water-blocking options for cables with more than one jacket

X=No water-blocking, J= Water blocking gel between jackets;
D=Dry water-blocking between cable jackets;

L: Strength member

A=Aramid yarn, AG=Aramid yarn and fiberglass yarn, G=Fiberlass yarn

M: General options

SS=Fig-8 self-supporting

Ordering Code for Railway Coaxial Cables (RAILCOX Series)

➤ RS/A-B

A Basic Type

K26: 50/75Ω Coaxial Cables

B Cable Category

HCAAYZ-50-6 (1/4"): Copper clad aluminium or copper (inner conductor) + annular corrugated copper tube (outer conductor) 50Ω 1/4" foam dielectric flexible feeder coaxial cable

HCAAYZ-50-8 (3/8"): Copper clad aluminium or copper (inner conductor) + annular corrugated copper tube (outer conductor) 50Ω 3/8" foam dielectric flexible feeder coaxial cable

HCAAYZ-50-12 (1/2"): Copper clad aluminium (inner conductor) + annular corrugated copper tube (outer conductor) 50Ω 1/2" foam dielectric flexible feeder coaxial cable

HCTAYZ-50-22 (7/8"): Copper tube (inner conductor) + annular corrugated copper tube (outer conductor) 50Ω 7/8" foam dielectric flexible feeder coaxial cable

HCTAYZ-50-32 (1'1/4): Copper tube (inner conductor) + annular corrugated copper tube (outer conductor) 50Ω 1'1/4 foam dielectric flexible feeder coaxial cable

HHTAYZ-50-42 (1'5/8): Helical corrugated copper tube (inner conductor) + annular corrugated copper tube (outer conductor) 50Ω 1'5/8 foam dielectric flexible feeder coaxial cable

HRYZ-50-5 (1/4"SF): Copper wire (inner conductor) + helical corrugated copper tube (outer conductor) 50Ω 1/4" foam dielectric super flexible feeder coaxial cable

HRCAYZ-50-7 (3/8" SF): Copper clad aluminium or copper (inner conductor) + helical corrugated copper tube (outer conductor) 50Ω 3/8" foam dielectric super flexible feeder coaxial cable

HRCAYZ-50-9 (1/2" SF): Copper clad aluminium (inner conductor) + helical corrugated copper tube (outer conductor) 50Ω 1/2" foam dielectric super flexible feeder coaxial cable

HRCTYZ-50-22 (7/8" SF): Copper tube (inner conductor) + helical corrugated copper tube (outer conductor) 50Ω 7/8" foam dielectric super flexible feeder coaxial cable

HRYZ-50-5 (1/4" XF): Copper wire (inner conductor) + helical corrugated copper tube (outer conductor) 50Ω 1/4" foam dielectric extra flexible feeder coaxial cable

HRCAYZ-50-7 (3/8" XF): Copper clad aluminium or copper (inner conductor) + helical corrugated copper tube (outer conductor) 50Ω 3/8" foam dielectric extra flexible feeder coaxial cable



Ordering Code Railway Databus Cables (RAILDATA Series)

RD-A-BC-DEFGH

A Basic Type

L120: Railway F/FTP Data Cables
K20: Steel Wire Braided Railway F/FTP Data Cables
WTB: Wired Train Bus
MVB: Multifunction Vehicle Bus

B Construction Type

F/UTP: Overall Aluminium/Polyester Screening
F/FTP: Individual Aluminium/Polyester Screening +
Overall Aluminium/Polyester Screening
U/FTP: Individual Aluminium/Polyester Screening

C Cable Category

Cat5E: Cat 5E Type
Cat6: Cat6 Type
Cat6A: Cat 6A Type
RS485: RS 485 Type

D Insulation

02Y: Cellular PE
2Y: Solid PE
02YS: Foam Skin (Cellular / Solid PE Dual Layer)

E Screening Material

(St): Overall Shielded with Aluminium/Polyester Tape
Shielded
C: Overall Shielded with Copper Wire Braid
PiC: Pairs Shielded with Copper Wire Braid
PiMF: Pairs Shielded with Aluminium/polyester Tape

F Armoring

SWB: Steel Wire Braid Armoring
SWA: Steel Wire Armoring
STA: Steel Tape Armoring
Blank: No Armour

G Sheath

2Y: PE
Y: PVC
H: LSZH

H No of Pairs×Conductor Diameter

4P0.56: 4 Pairs×0.56mm
4P0.6: 4 Pairs×0.6mm