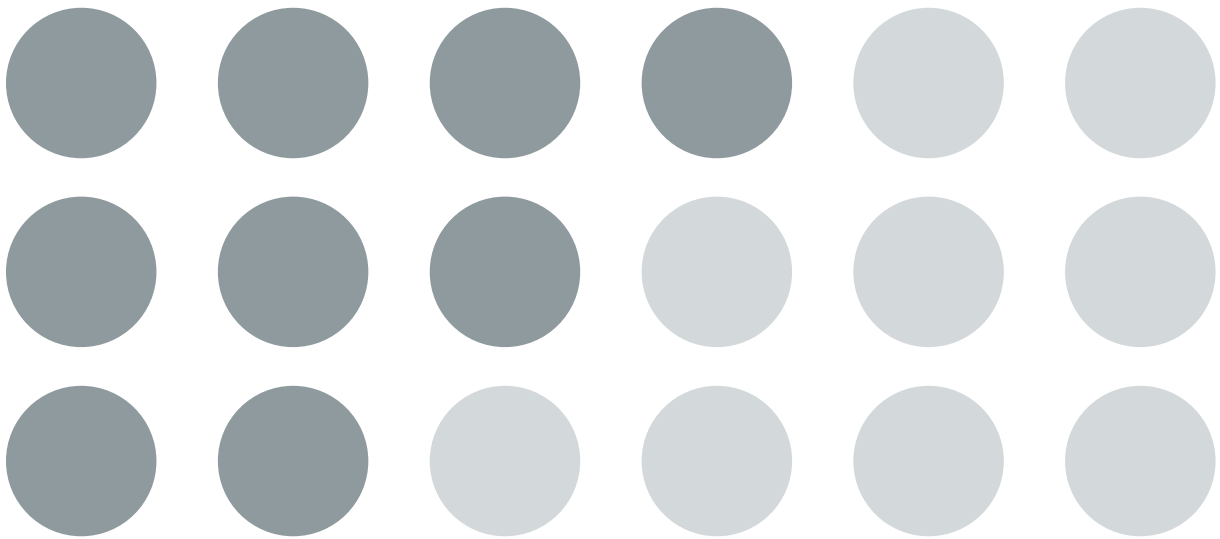
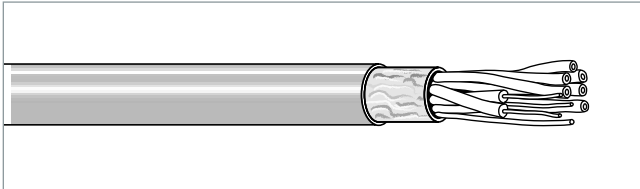


Instrumentation Cables



Overall Screened Instrumentation Cables • • •

RE-2Y(ST) Y



Application

These Anixter cables are designed to connect electrical instrument circuits and provide communication services in and around process plants. These cables are not suitable for direct burial applications where they may be subject to corrosive penetration and solvent attack.

Specifications

Conductors:	Stranded copper (class 2)	Fire Performance:	Flame retardant to IEC 60332-1 and IEC 60332-3C
Insulation:	PE	Temperature Rating:	-30°C minimum operating temperature +70°C maximum conductor operating temperature
Shielding:	Alu-tape c/w drain wire	Voltage Rating:	300/500 volts
Outer Sheath:	Black or blue PVC		
Standards:	In accordance with VDE standard		

Anixter Part Number	Nominal Conductor Area mm ²	Number of Pairs	Overall Diameter mm	Approximate Weight kg/km
RE-2Y(st) Y (RE/PE/OSCR/PVC) 300/500V Overall Screened Instrumentation Cables				
B2CA1-P001L-##	0.5	1	5.2	38
B2CA1-P002L-##	0.5	2	7.6	59
B2CA1-P004L-##	0.5	4	9.2	99
B2CA1-P008L-##	0.5	8	11.8	169
B2CA1-P012L-##	0.5	12	14.1	239
B2CA1-P016L-##	0.5	16	15.9	302
B2CA1-P024L-##	0.5	24	19.1	433
B2CB1-P001L-##	0.75	1	5.8	47
B2CB1-P002L-##	0.75	2	8.6	76
B2CB1-P004L-##	0.75	4	10.8	140
B2CB1-P008L-##	0.75	8	13.8	240
B2CB1-P012L-##	0.75	12	16.1	325
B2CB1-P016L-##	0.75	16	18.4	422
B2CB1-P024L-##	0.75	24	22.3	619
B2CD1-P001L-##	1.3	1	6.4	62
B2CD1-P002L-##	1.3	2	9.9	108
B2CD1-P004L-##	1.3	4	12.1	194

Overall Screened Instrumentation Cables *continued* • • • • • • • • • •

RE-2Y(ST) Y *continued*

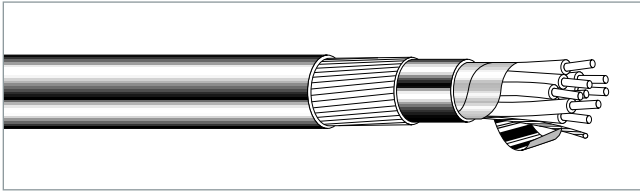
Anixter Part Number	Nominal Conductor Area mm ²	Number of Pairs	Overall Diameter mm	Approximate Weight kg/km
RE-2Y(st) Y (RE/PE/OSCR/PVC) 300/500V Overall Screened Instrumentation Cables <i>continued</i>				
B2CD1-P008L-##	1.3	8	15.5	343
B2CD1-P012L-##	1.3	12	18.6	493
B2CD1-P016L-##	1.3	16	21.0	632
B2CD1-P024L-##	1.3	24	25.2	915

Insert appropriate suffix for required colour of outer sheath: 02 = Black 06 = Blue



Armoured and Overall Screened Instrumentation Cables

RE-2Y(ST) Y SWA Y



Application

These armoured cables are designed to connect electrical instrument circuits and provide communication services in and around process plants. These cables are suitable for direct burial applications except where they may be subject to corrosive penetration and solvent attack.

Specifications

Conductors:	Stranded copper (class 2)	Fire Performance:	Flame retardant to IEC 60332-1 and IEC 60332-3C
Insulation:	PE	Temperature Rating:	-30°C minimum operating temperature +70°C maximum conductor operating temperature
Shielding:	Alu-tape c/w drain wire	Voltage Rating:	300/500 volts
Outer Sheath:	Black or blue PVC		
Bedding:	PVC		
Armouring:	Steel Wire (SWA)		
Standards:	In accordance with VDE standard		

Anixter Part Number	Nominal Conductor Area mm ²	Number of Pairs	Overall Diameter mm	Overall Inner Sheath Diameter mm	Approximate Weight kg/km
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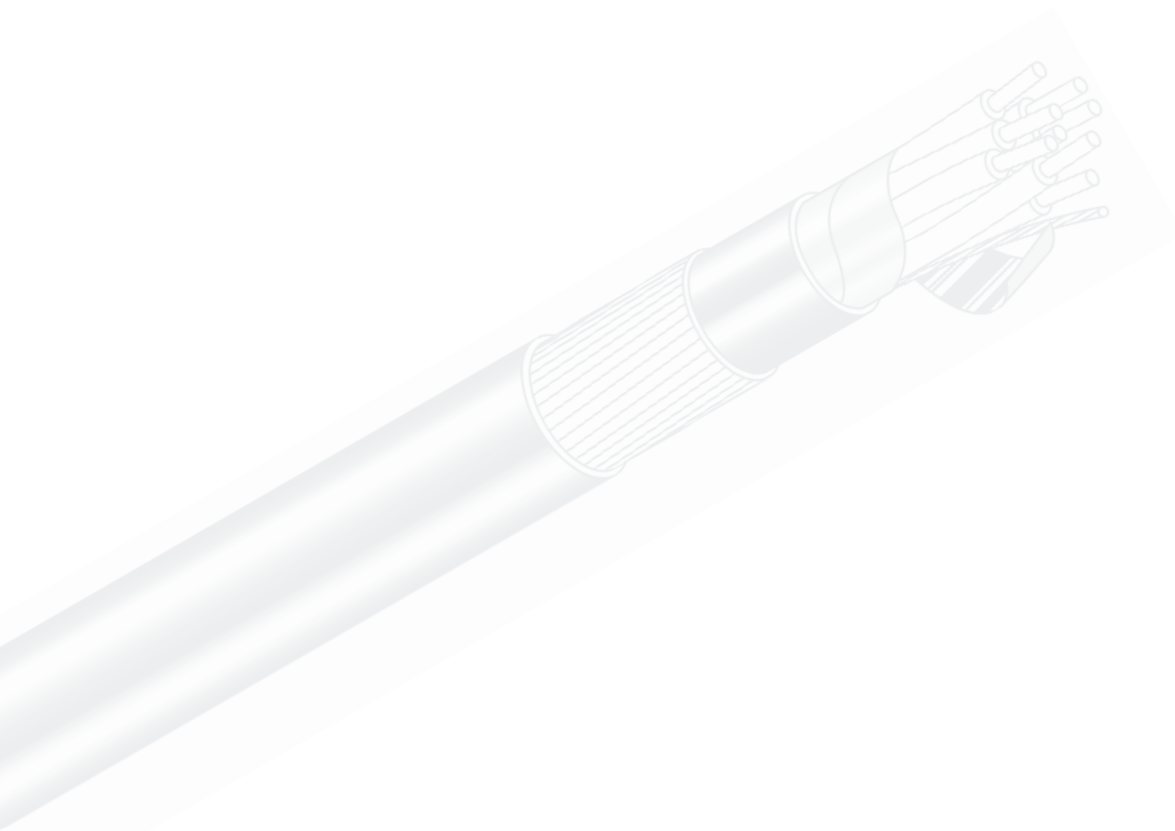
Re 2Y(st) Y SWA Y (RE/PE/OSCR/PVC/SWA/PVC) 300/500V Armoured and Overall Screened Instrumentation Cables

B2CA2-P001L-##	0.5	1	9.6	5.2	195
B2CA2-P002L-##	0.5	2	12.0	7.6	275
B2CA2-P004L-##	0.5	4	13.8	9.2	359
B2CA2-P008L-##	0.5	8	16.6	11.8	499
B2CA2-P012L-##	0.5	12	19.8	14.1	751
B2CA2-P016L-##	0.5	16	22.0	16.1	890
B2CA2-P024L-##	0.5	24	25.9	19.1	1284
B2CB2-P001L-##	0.75	1	10.2	5.8	219
B2CB2-P002L-##	0.75	2	13.2	8.6	321
B2CB2-P004L-##	0.75	4	16.3	10.8	533
B2CB2-P008L-##	0.75	8	19.7	13.8	743
B2CB2-P012L-##	0.75	12	22.0	16.3	914
B2CB2-P016L-##	0.75	16	25.2	18.6	1248
B2CB2-P024L-##	0.75	24	29.1	22.3	1584
B2CD2-P001L-##	1.3	1	11	6.4	253
B2CD2-P002L-##	1.3	2	14.5	9.9	284
B2CD2-P004L-##	1.3	4	17.4	11.9	621

Armoured and Overall Screened Instrumentation Cables *continued* • • • • •**RE-2Y(ST) Y SWA Y** *continued*

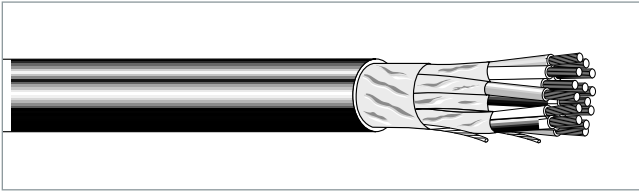
Anixter Part Number	Nominal Conductor Area mm ²	Number of Pairs	Overall Diameter mm	Overall Inner Sheath Diameter mm	Approximate Weight kg/km
Re 2Y(st) Y SWA Y (RE/PE/OSCR/PVC/SWA/PVC) 300/500V Armoured and Overall Screened Instrumentation Cables <i>continued</i>					
B2CD2-P008L-##	1.3	8	21.2	15.5	897
B2CD2-P012L-##	1.3	12	25.4	18.6	1322
B2CD2-P016L-##	1.3	16	28.0	21.0	1565
B2CD2-P024L-##	1.3	24	32.2	25.2	2009

Insert appropriate suffix for required colour of outer sheath: 02 = Black 06 = Blue



Individual and Collective Screen Instrumentation Cable

RE-2Y(ST) Y PIMF (PE INSULATED)



Application

These insulated cables are designed to connect electrical instrument circuits and provide communication services in and around process plants. These cables are not suitable for direct burial applications.

Specifications

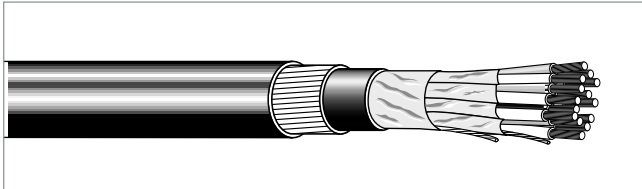
Conductors:	Stranded copper (class 2)	Fire Performance:	Flame retardant to IEC 60332-1 and IEC 60332-3C
Insulation:	PE	Temperature Rating:	-30°C minimum operating temperature +70°C maximum conductor operating temperature
Shielding:	Alu-tape c/w drain wire	Voltage Rating:	300/500 volts
Outer Sheath:	Black or blue PVC		
Standards:	In accordance with VDE standard		

Anixter Part Number	Nominal Conductor Area mm ²	Number of Pairs	Overall Diameter mm	Approximate Weight kg/km
RE-2Y(st) Y pimf (RE/PE/PSRC/OSCR/PVC) 300/500V Individual and Overall Screened Instrumentation Cable				
B2CE1-P002L-##	0.5	2	8.5	85
B2CE1-P004L-##	0.5	4	9.9	135
B2CE1-P006L-##	0.5	6	11.7	184
B2CE1-P008L-##	0.5	8	12.6	233
B2CE1-P012L-##	0.5	12	14.8	324
B2CE1-P016L-##	0.5	16	16.7	413
B2CE1-P024L-##	0.5	24	20.2	606
B2CF1-P002L-##	0.75	2	9.5	103
B2CF1-P004L-##	0.75	4	11.1	168
B2CF1-P008L-##	0.75	8	14.1	280
B2CF1-P012L-##	0.75	12	16.9	414
B2CF1-P016L-##	0.75	16	19.6	558
B2CF1-P024L-##	0.75	24	23.7	814
B2CG1-P002L-##	1.3	2	10.7	138
B2CG1-P004L-##	1.3	4	12.6	229
B2CG1-P008L-##	1.3	8	16.1	407
B2CG1-P012L-##	1.3	12	19.3	587
B2CG1-P016L-##	1.3	16	22.0	765
B2CG1-P024L-##	1.3	24	26.5	1121

Insert appropriate suffix for required colour of outer sheath: 02 = Black 06 = Blue

Armoured Individual and Collective Screen Instrumentation Cable

RE-2Y(ST) Y SWA Y PIMF(PE INSULATED)



Application

These insulated cables are designed to connect electrical instrument circuits and provide communication services in and around process plants. These cables are suitable for direct burial applications except where they may be subject to corrosive penetration and solvent attack.

Specifications

Conductors:	Stranded copper (class 2)	Fire Performance:	Flame retardant to IEC 60332-1 and IEC 60332-3C
Insulation:	PE	Temperature Rating:	-30°C minimum operating temperature +70°C maximum conductor operating temperature
Shielding:	Alu-tape c/w drain wire	Voltage Rating:	300/500 volts
Bedding:	PVC		
Armouring:	Steel Wire (SWA)		
Outer Sheath:	Black or blue PVC		
Standards:	In accordance with VDE standard		

Anixter Part Number	Nominal Conductor Area mm ²	Number of Pairs	Overall Diameter mm	Overall Inner Sheath Diameter mm	Approximate Weight kg/km
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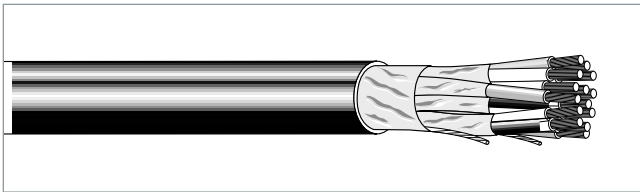
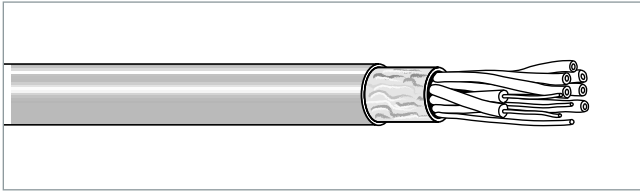
Re 2Y(st) Y SWA Y PIMF (RE/PE/PSRC/OSCR/PVC/SWA/PVC) 300/500V Armoured Individual and Overall Screened Instrumentation Cable

B2CE2-P002L-##	0.5	2	12.9	8.3	318
B2CE2-P004L-##	0.5	4	14.5	9.7	406
B2CE2-P008L-##	0.5	8	18.1	12.4	683
B2CE2-P012L-##	0.5	12	20.7	14.8	861
B2CE2-P016L-##	0.5	16	23.7	16.9	1184
B2CE2-P024L-##	0.5	24	27.2	20.2	1514
B2CF2-P002L-##	0.75	2	13.9	9.3	360
B2CF2-P004L-##	0.75	4	15.7	10.9	469
B2CF2-P008L-##	0.75	8	20.0	14.1	809
B2CF2-P012L-##	0.75	12	23.7	16.9	1177
B2CF2-P016L-##	0.75	16	26.0	19.2	1391
B2CF2-P024L-##	0.75	24	30.5	23.3	1830
B2CG2-P002L-##	1.3	2	15.3	10.5	431
B2CG2-P004L-##	1.3	4	17.4	12.2	661
B2CG2-P008L-##	1.3	8	22.5	15.9	1108
B2CG2-P012L-##	1.3	12	26.1	19.3	1440
B2CG2-P016L-##	1.3	16	29.0	22.0	1242
B2CG2-P024L-##	1.3	24	33.7	26.3	2279

Insert appropriate suffix for required colour of outer sheath: 02 = Black 06 = Blue

Screened Instrumentation Cables • • • • •

EG SF & EI SF (PVC INSULATED)



Application

These insulated cables are designed to connect electrical instrument circuits and provide communication services in and around process plants. These cables are not suitable for direct burial applications.

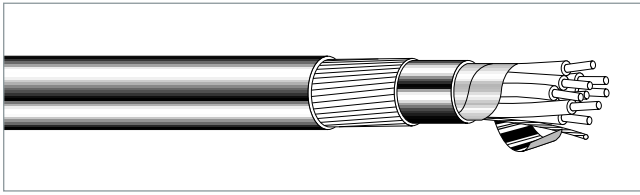
Specifications

Conductors:	Stranded copper (class 2)	Standards:	In accordance with VDE standard
Insulation:	PVC	Fire Performance:	Flame retardant to IEC 60332-3C
Pair Screen:	Alu-tape c/w drain wire	Temperature Rating:	-30°C minimum operating temperature +70°C maximum conductor operating temperature
Overall Screen:	Alu-tape c/w drain wire	Voltage Rating:	500 volts
Pair Colours:	Red/White		
Outer Sheath:	Black or blue PVC		

Anixter Part Number	Nominal Conductor Area mm ²	Number of Pairs/Triples/Quads	Overall Diameter mm	Approximate Weight kg/km	Type
RE/PVC/OSCR/PVC 500V Overall Screened Instrumentation Cable Blue Outer Sheath					
F2CB1-P001L-##	0.88	1P	6.2	56	01 IP 09 EG SF
F2CB1-P001TL-##	0.88	1T	7.0	76	01 IT 09 EG SF
F2CB1-P002L-##	0.88	1Q	7.1	82	01 IQ 09 EG SF
F2CB1-P003L-##	0.88	3P	10.3	133	03 IP 09 EG SF
F2CB1-P007L-##	0.88	7P	13.7	261	07 IP 09 EG SF
F2CB1-P012L-##	0.88	12P	17.5	422	12 IP 09 EG SF
F2CB1-P019L-##	0.88	19P	-	-	19 IP 09 EG SF
F2CB1-P027L-##	0.88	27P	-	-	27 IP 09 EG SF
RE/PVC/ PR & OSCR/PVC 500V Paired and Overall Screened Instrumentation Cable Blue Outer Sheath					
F2CF1-P003L-##	0.88	3P	15.5	247	03 IP 09 EI SF
F2CF1-P007L-##	0.88	7P	20.8	493	07 IP 09 EI SF

Insert appropriate suffix for required colour of outer sheath: 02 = Black 06 = Blue

Instrumentation to BS 5308 • • • • • • • • • •



Application

These cables are designed to connect electrical instrument circuits and provide communication services in and around process plants (e.g. petrochemical industry etc.). Type 1 cables are non-armoured and not suitable for direct burial. For direct buried applications, Type 2 or Type 3 cables should be used, with Type 3 cables specifically designed for use where buried cables may be subject to corrosive penetration and corrosive attack. LSZH versions are for use in areas where dense smoke and toxic fumes in a fire situation, could cause a major threat to life and equipment. These cables may be supplied in non-armoured or armoured versions.

Anixter Part Number	British Standard Control & Instrumentation
BS5308 Part 1 Type 1 Multi-Pair:	
Several constructions available	Collective Screen, Unarmoured
Several constructions available	Individual & Collective Screen, Unarmoured
BS5308 Part 1 Type 2 Multi-Pair:	
Several constructions available	Collective Screen, Armoured
Several constructions available	Individual & Collective Screen, Armoured
BS5308 Part 1 Type 3 Multi-Pair:	
Several constructions available	Collective Screen, Lead Covered & Armoured
Several constructions available	Individual & Collective, Lead Covered & Armoured
BS5308 Part 1 Type 1 – LSF Multi-Pair:	
Several constructions available	Collective Screen, Unarmoured
Several constructions available	Individual & Collective Screen, Unarmoured
BS5308 Part 1 Type 2 – LSF Multi-Pair:	
Several constructions available	Collective Screen, Armoured
Several constructions available	Individual & Collective Screen, Armoured
BS5308 Part 1 Type 1 – LSF Multi-Core:	
Several constructions available	Collective Screen, Unarmoured
BS5308 Part 1 Type 2 – LSF Multi-Core:	
Several constructions available	Collective Screen, Armoured
BS5308 Part 2 Type 1 Multi-Pair:	
Several constructions available	Collective Screen, Unarmoured
BS5308 Part 2 Type 2 Multi-Pair:	
Several constructions available	Collective Screen, Armoured
Several constructions available	Individual & Collective Screen, Armoured
BS5308 Part 2 Type 1 Multi-Core:	
Several constructions available	Collective Screen, Unarmoured
BS5308 Part 2 Type 2 Multi-Core:	
Several constructions available	Collective Screen, Armoured
BS5308 Part 1 Type 2 – LSF Fire Resistant	
Several constructions available	Collective Screen, Armoured

Several types of Control and Instrumentation cables to BS 5308 are available from stock.