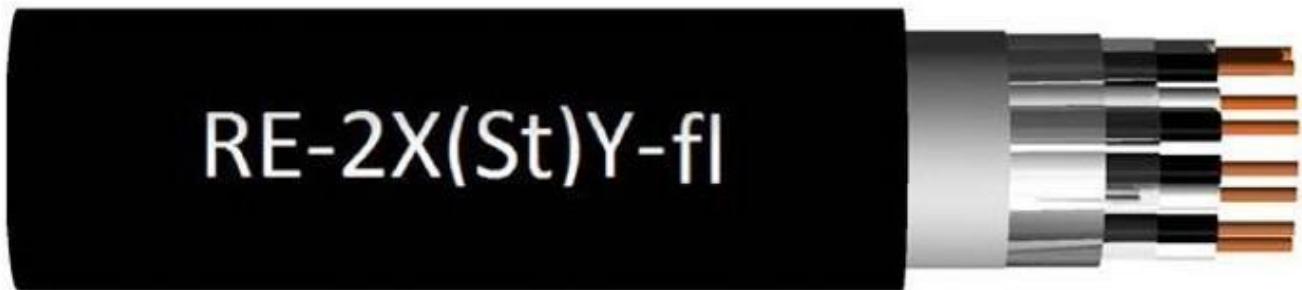


RE-2X(St)Y-fl 300/500V

Flame retardant, UV resistant, oil resistant instrumentation cable



Application

For transmission of analogue and digital signals in instrument and control systems, allowed for use in zone 1 and zone 2 group ii classified areas (IEC 60079-14), not allowed for direct connection to low impedance source, e.g. the public mains electricity supply.

Construction

Conductor	: Plain annealed stranded copper sizes 0.5mm ² , 1.0mm ² , 1.3mm ² , 1.5mm ²
Insulation	: PE
Wrapping	: At least 1 layer of plastic tape
Collective screen	: 24µm Aluminium / PETP tape over 7-stranded tinned copper drain wire, 0.5mm ²
Outer sheath	: Polyvinyl chloride PVC
Marking text	: E.g. Incore-Cables RE-2X(St)Y-fl 300V EN50288-7 IEC60332-3-24 CE xxm
Operating voltage	: 300 V

Colour Code

Single pair	: Black/white
Multi pair	: Black/white numbered

Outer Sheath Colours

Available colours	: Black or blue*
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*other colours available on request

Installation recommendations

Min. Bending Radius	: 10xD
Max. Conductor Operating Temperature	: 60°C

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Standards applied

IEC 60228 Class 2
 EN50288-7
 IEC60332-3-24 (Cat C)
 UL1581 section 1200
 ICEA S-82-552

Conductor
 Flame Retardant
 UV Resistant
 Oil Resistant

Range and Dimensions

Article Code	Number of pairs Size cross-section in mm ²	Insulation thickness in mm	Nominal thickness of outer sheath in mm	Nominal overall diameter in mm	Approx. total weight in kg/km
S60F01P0.5BJJBK9	1 x 2 x 0.5	0.35	0.8	5.2	38
S60F02P0.5BJJBK9	2 x 2 x 0.5	0.35	0.9	7.6	66
S60F04P0.5BJJBK9	4 x 2 x 0.5	0.35	1	9	98
S60F06P0.5BJJBK9	6 x 2 x 0.5	0.35	1	10.6	137
S60F08P0.5BJJBK9	8 x 2 x 0.5	0.35	1.1	11.5	166
S60F10P0.5BJJBK9	10 x 2 x 0.5	0.35	1.1	12.9	202
S60F12P0.5BJJBK9	12 x 2 x 0.5	0.35	1.2	13.7	235
S60F16P0.5BJJBK9	16 x 2 x 0.5	0.35	1.2	15.4	298
S60F20P0.5BJJBK9	20 x 2 x 0.5	0.35	1.3	17.1	369
S60F24P0.5BJJBK9	24 x 2 x 0.5	0.35	1.3	18.5	429
S60F01P0.75BJJBK9	1 x 2 x 0.75	0.38	0.9	5.8	48
S60F02P0.75BJJBK9	2 x 2 x 0.75	0.38	1	8.7	87
S60F04P0.75BJJBK9	4 x 2 x 0.75	0.38	1	10	123
S60F06P0.75BJJBK9	6 x 2 x 0.75	0.38	1.1	12	182
S60F08P0.75BJJBK9	8 x 2 x 0.75	0.38	1.1	12.8	215
S60F10P0.75BJJBK9	10 x 2 x 0.75	0.38	1.2	14.7	268
S60F12P0.75BJJBK9	12 x 2 x 0.75	0.38	1.2	15.3	307
S60F16P0.75BJJBK9	16 x 2 x 0.75	0.38	1.3	17.5	401
S60F20P0.75BJJBK9	20 x 2 x 0.75	0.38	1.4	19.4	493
S60F24P0.75BJJBK9	24 x 2 x 0.75	0.38	1.4	21	575
S60F01P1.0BJJBK9	1 x 2 x 1.0	0.4	0.9	6.3	56
S60F02P1.0BJJBK9	2 x 2 x 1.0	0.4	1	9.4	102
S60F04P1.0BJJBK9	4 x 2 x 1.0	0.4	1.1	11.1	157
S60F06P1.0BJJBK9	6 x 2 x 1.0	0.4	1.1	13.2	224
S60F08P1.0BJJBK9	8 x 2 x 1.0	0.4	1.2	14.2	266
S60F10P1.0BJJBK9	10 x 2 x 1.0	0.4	1.3	16.3	326
S60F12P1.0BJJBK9	12 x 2 x 1.0	0.4	1.3	17	385
S60F16P1.0BJJBK9	16 x 2 x 1.0	0.4	1.4	19.4	515
S60F20P1.0BJJBK9	20 x 2 x 1.0	0.4	1.4	21.3	621
S60F24P1.0BJJBK9	24 x 2 x 1.0	0.4	1.5	23.3	740
S60F01P1.3BJJBK9	1 x 2 x 1.3	0.45	0.9	6.8	65
S60F02P1.3BJJBK9	2 x 2 x 1.3	0.45	1	10.4	123
S60F04P1.3BJJBK9	4 x 2 x 1.3	0.45	1.1	12.2	191
S60F06P1.3BJJBK9	6 x 2 x 1.3	0.45	1.2	14.8	283
S60F08P1.3BJJBK9	8 x 2 x 1.3	0.45	1.2	15.7	339
S60F10P1.3BJJBK9	10 x 2 x 1.3	0.45	1.3	18.1	424
S60F12P1.3BJJBK9	12 x 2 x 1.3	0.45	1.4	19.1	499
S60F16P1.3BJJBK9	16 x 2 x 1.3	0.45	1.5	21.8	656
S60F20P1.3BJJBK9	20 x 2 x 1.3	0.45	1.5	24.1	792
S60F24P1.3BJJBK9	24 x 2 x 1.3	0.45	1.6	26.2	939
S60F01P1.5BJJBK9	1 x 2 x 1.5	0.45	0.9	7.1	71
S60F02P1.5BJJBK9	2 x 2 x 1.5	0.45	1.1	11	140
S60F04P1.5BJJBK9	4 x 2 x 1.5	0.45	1.1	12.7	215
S60F06P1.5BJJBK9	6 x 2 x 1.5	0.45	1.2	15.4	322
S60F08P1.5BJJBK9	8 x 2 x 1.5	0.45	1.3	16.6	388
S60F10P1.5BJJBK9	10 x 2 x 1.5	0.45	1.4	19	474
S60F12P1.5BJJBK9	12 x 2 x 1.5	0.45	1.4	19.9	549
S60F16P1.5BJJBK9	16 x 2 x 1.5	0.45	1.5	22.7	736
S60F20P1.5BJJBK9	20 x 2 x 1.5	0.45	1.6	25.3	905
S60F24P1.5BJJBK9	24 x 2 x 1.5	0.45	1.7	27.6	1075

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RE-2X(St)Y-fl 300/500V

Electrical value instrumentation cables

Article Code	Number of pairs Size cross-section in mm ²	Conductor Resistance at 20°C in ohm/Km	Insulation Resistance Min. G ohm/Km	Mutual capacitance above 4 pair/triple	Inductance max mH/Km	L/R ratio Max uH/ohm
S60F01P0.5BJJBK9	1 x 2 x 0.5	36.7	5	115	1	25
S60F02P0.5BJJBK9	2 x 2 x 0.5	36.7	5	90	1	25
S60F04P0.5BJJBK9	4 x 2 x 0.5	36.7	5	90	1	25
S60F06P0.5BJJBK9	6 x 2 x 0.5	36.7	5	75	1	25
S60F08P0.5BJJBK9	8 x 2 x 0.5	36.7	5	75	1	25
S60F10P0.5BJJBK9	10 x 2 x 0.5	36.7	5	75	1	25
S60F12P0.5BJJBK9	12 x 2 x 0.5	36.7	5	75	1	25
S60F16P0.5BJJBK9	16 x 2 x 0.5	36.7	5	75	1	25
S60F20P0.5BJJBK9	20 x 2 x 0.5	36.7	5	75	1	25
S60F24P0.5BJJBK9	24 x 2 x 0.5	36.7	5	75	1	25
S60F01P0.75BJJBK9	1 x 2 x 0.75	25	5	115	1	25
S60F02P0.75BJJBK9	2 x 2 x 0.75	25	5	90	1	25
S60F04P0.75BJJBK9	4 x 2 x 0.75	25	5	90	1	25
S60F06P0.75BJJBK9	6 x 2 x 0.75	25	5	75	1	25
S60F08P0.75BJJBK9	8 x 2 x 0.75	25	5	75	1	25
S60F10P0.75BJJBK9	10 x 2 x 0.75	25	5	75	1	25
S60F12P0.75BJJBK9	12 x 2 x 0.75	25	5	75	1	25
S60F16P0.75BJJBK9	16 x 2 x 0.75	25	5	75	1	25
S60F20P0.75BJJBK9	20 x 2 x 0.75	25	5	75	1	25
S60F24P0.75BJJBK9	24 x 2 x 0.75	25	5	75	1	25
S60F01P1.0BJJBK9	1 x 2 x 1.0	18.5	5	115	1	25
S60F02P1.0BJJBK9	2 x 2 x 1.0	18.5	5	90	1	25
S60F04P1.0BJJBK9	4 x 2 x 1.0	18.5	5	90	1	25
S60F06P1.0BJJBK9	6 x 2 x 1.0	18.5	5	75	1	25
S60F08P1.0BJJBK9	8 x 2 x 1.0	18.5	5	75	1	25
S60F10P1.0BJJBK9	10 x 2 x 1.0	18.5	5	75	1	25
S60F12P1.0BJJBK9	12 x 2 x 1.0	18.5	5	75	1	25
S60F16P1.0BJJBK9	16 x 2 x 1.0	18.5	5	75	1	25
S60F20P1.0BJJBK9	20 x 2 x 1.0	18.5	5	75	1	25
S60F24P1.0BJJBK9	24 x 2 x 1.0	18.5	5	75	1	25
S60F01P1.3BJJBK9	1 x 2 x 1.3	14.2	5	115	1	40
S60F02P1.3BJJBK9	2 x 2 x 1.3	14.2	5	102	1	40
S60F04P1.3BJJBK9	4 x 2 x 1.3	14.2	5	102	1	40
S60F06P1.3BJJBK9	6 x 2 x 1.3	14.2	5	85	1	40
S60F08P1.3BJJBK9	8 x 2 x 1.3	14.2	5	85	1	40
S60F10P1.3BJJBK9	10 x 2 x 1.3	14.2	5	85	1	40
S60F12P1.3BJJBK9	12 x 2 x 1.3	14.2	5	85	1	40
S60F16P1.3BJJBK9	16 x 2 x 1.3	14.2	5	85	1	40
S60F20P1.3BJJBK9	20 x 2 x 1.3	14.2	5	85	1	40
S60F24P1.3BJJBK9	24 x 2 x 1.3	14.2	5	85	1	40
S60F01P1.5BJJBK9	1 x 2 x 1.5	12.3	5	115	1	40
S60F02P1.5BJJBK9	2 x 2 x 1.5	12.3	5	102	1	40
S60F04P1.5BJJBK9	4 x 2 x 1.5	12.3	5	102	1	40
S60F06P1.5BJJBK9	6 x 2 x 1.5	12.3	5	85	1	40
S60F08P1.5BJJBK9	8 x 2 x 1.5	12.3	5	85	1	40
S60F10P1.5BJJBK9	10 x 2 x 1.5	12.3	5	85	1	40
S60F12P1.5BJJBK9	12 x 2 x 1.5	12.3	5	85	1	40
S60F16P1.5BJJBK9	16 x 2 x 1.5	12.3	5	85	1	40
S60F20P1.5BJJBK9	20 x 2 x 1.5	12.3	5	85	1	40
S60F24P1.5BJJBK9	24 x 2 x 1.5	12.3	5	85	1	40

NOTICE

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