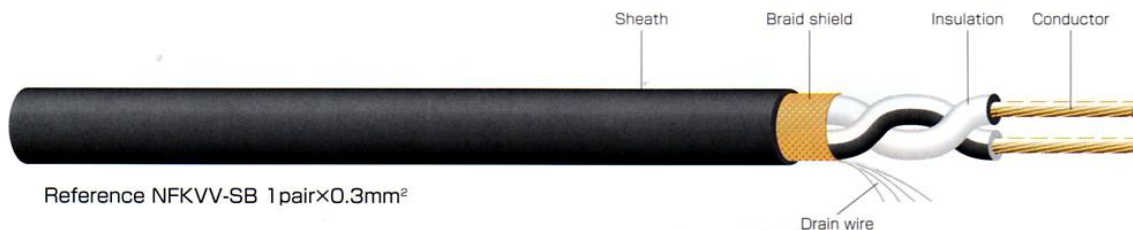


# NFKVV-SB

## The Twisted Pair Data Transmission Cable with Screen Braiding



Reference NFKVV-SB 1pair×0.3mm<sup>2</sup>

Sheath colour available in Black

Cold Resistant -25°C

Heat Resistant +80°C

Wearing Resistant

Oil Resistant

### Application

NFKVV-SB twisted pair data transmission cables can be used in the electronics of computer systems, electronic control equipment, office equipment, etc.. Due to its properties, it is oil, heat and cold resistance that make it suitable for both indoor and outdoor usage.

### Cable Makeup

Fine wire stranded tinned copper wire, PVC core insulation, Cores twisted in pairs. Copper braid screening with drain wire protects against external interference. Sheath of special PVC based-compound with enhance oil resistance.

### Special Feature

Screen braiding plus twisted pairs ensure maximum interference suppression of individual signals. Its flexibility and properties makes it suitable for harsh environment where space is a constraint.

### Technical Data

 Temperature Range / -25°C to +80°C

 Insulation Resistance / >300M $\Omega$ /km(30°C)

 Working Voltage / Up to 100V

 Capacitance / <140nF/Km

 Test Voltage / 100V/1000V

### < Electrical Characteristics >

Test content	Size/unit	0.2mm <sup>2</sup>	0.3mm <sup>2</sup>	0.5mm <sup>2</sup>	0.75mm <sup>2</sup>	1.25mm <sup>2</sup>
Composition of conductor	mm	7/0.18	7/0.26	30/0.32	30/0.18	50/0.18
Diameter of Insulation	mm	1.05	1.3	1.6	2.1	2.7
Test voltage	V/min	100	100	1000	1000	1000
Conductor resistance 30°C	$\delta$ /km	108	54	35.5	25.5	16.5

### Cable Identification

Pair	Colour	Pair	Colour
1	White x White/Black	11	Grey X Grey/Black
2	Red x Red/Black	12	Light Green x Light Green/Black
3	Green x Green/Black	13	Cream x Cream/Black
4	Blue x Blue/Grey	14	White/Blue x White/Red
5	Yellow x Yellow/Black	15	Black/Light Blue x Black/Red
6	Brown x Brown/Black	16	Green/Light Blue x Green/Red
7	Pink x Pink/Black	17	Yellow/Blue x Yellow/Red
8	Light Blue x Light Blue/Black	18	Brown/Blue x Brown/Red
9	Orange x Orange/Black	19	Pink/Blue/Pink/Red
10	Purple x Purple/Black	20	Light Blue/Blue x Light Blue/Red

## NFKVV-SB 100V

Part Number	Conductor			Insulation		Drain wire mm	No. of Pairs	Sheath		Approx. Weight Kg/Km						
	Nominal Sectional Area mm <sup>2</sup>	Composition of Conductor mm	Diameter mm	Thickness mm	Diameter mm			Thickness of Sheath mm	Approx. Overall Diameter mm							
0000 9002001	<b>0.2</b>	7/0.18	<b>0.54</b>	<b>0.25</b>	<b>1.05</b>	<b>12/0.18</b>	1	1.0	4.7	32						
0000 9002002							2	1.0	5.8	45						
0000 9002003							3	1.0	6.1	51						
0000 9002004							4	1.0	6.7	63						
0000 9002005							5	1.0	7.0	71						
0000 9002006							6	1.0	7.3	76						
0000 9002007							7	1.0	7.3	80						
0000 9002008							8	1.1	8.5	90						
0000 9002010							10	1.1	9.0	116						
0000 9002012							12	1.1	9.5	120						
0000 9002016							16	1.1	11.0	155						
0000 9002018							18	1.2	12.0	170						
0000 9002020							20	1.2	12.5	192						
0000 9002025							25	1.3	13.5	220						
0000 9002030							30	1.4	13.8	255						
0000 9002032							32	1.4	14.0	280						
0000 9003001	<b>0.3</b>	7/0.26	<b>0.78</b>	<b>0.25</b>	<b>1.3</b>	<b>12/0.18</b>	1	1.0	5.3	40						
0000 9003002							2	1.0	6.6	60						
0000 9003003							3	1.0	7.0	73						
0000 9003004							4	1.0	7.6	86						
0000 9003005							5	1.1	8.6	105						
0000 9003006							6	1.2	9.6	120						
0000 9003007							7	1.2	9.6	135						
0000 9003008							8	1.2	10.4	150						
0000 9003010							10	1.2	11.0	170						
0000 9003012							12	1.3	12.0	205						
0000 9003015							15	1.3	12.8	235						
0000 9003018							18	1.4	14.0	285						
0000 9003020							20	1.4	15.3	300						
0000 9003025							25	1.5	16.5	380						
0000 9003030							30	1.5	17.0	440						
0000 9003032							32	1.5	17.7	465						
0000 9005001	<b>0.5</b>	30/0.32	<b>0.96</b>	<b>0.3</b>	<b>1.6</b>	<b>12/0.18</b>	1	1.0	6.0	51						
0000 9005002							2	1.1	8.0	80						
0000 9005003							3	1.1	9.0	100						
0000 9005004							4	1.2	10.0	130						
0000 9005005							5	1.2	11.0	150						
0000 9005006							6	1.3	12.0	158						
0000 9005007							7	1.3	12.0	165						
0000 9005008							8	1.3	12.5	190						
0000 9005010							10	1.4	13.5	220						
0000 9005012							12	1.4	14.0	260						
0000 9005015							15	1.4	16.0	340						
0000 9005018							18	1.4	17.5	375						
0000 9005020							20	1.5	17.5	435						
0000 9005025							25	1.5	19.5	495						
0000 9005030							30	1.6	20.5	540						
0000 9007501							<b>0.75</b>	30/0.18	<b>1.1</b>	<b>0.5</b>	<b>2.1</b>	<b>12/0.18</b>	1	1.0	6.0	60
0000 9007502	2	1.1	10.0	113												
0000 9007503	3	1.1	10.6	141												
0000 9007504	4	1.3	12.0	182												
0000 9007505	5	1.5	13.5	223												
0000 9007506	6	1.5	15.0	265												
0000 9007507	7	1.5	15.0	287												
0000 9007508	8	1.5	15.5	313												
0000 9007510	10	1.6	17.2	392												
0000 9007512	12	1.6	18.2	445												
0000 9007515	15	1.6	21.5	500												
0000 9007520	20	1.7	23.0	600												
0000 9012502	<b>1.25</b>	50/0.18	<b>1.5</b>	<b>0.6</b>	<b>2.7</b>	<b>12/0.18</b>							2	1.1	8.1	85
0000 9012503													3	1.1	12.0	154
0000 9012504													4	1.2	12.5	200
0000 9012505													5	1.2	14.4	250
0000 9012506							6	1.3	15.2	299						
0000 9012507							7	1.5	16.8	364						
0000 9012510							10	1.5	16.8	400						
0000 9012512							12	1.5	22.0	510						
0000 9012515							15	1.6	25.0	750						
0000 9012520							20	1.7	28.0	990						