

Building Wire



V90HT Flexible Building Wire

Class 6 plain copper

Construction:

Class 6 highly flexible plain copper conductors, heat-resistant, flame-retardant PVC (V90HT) insulation.

Nominal Voltage:

600/1000V

Application:

Suitable for installations in plants, devices, switchgear cabinets where higher temperatures occur and at working voltages up to 600/1000V.

Temperature Range:

Fixed: -35°C to +105°C



Part No.	Nominal conductor area (mm ²)	Stranding	Colour	Approx. overall Ø mm	Max DC Ω resistance at 20°C	Approx weight kg/100mt	Roll sizes (mtrs)
SIPF6W100	6	192 x 0.20	White	5.3	3.3	7.6	100
SIPF10B100	10	322 x 0.20	Black	6.3	1.91	12	100
SIPF10B500	10	322 x 0.20	Black	6.3	1.91	12	500
SIPF10G/Y500	10	322 x 0.20	Green / Yellow	6.3	1.91	12	500
SIPF10L500	10	322 x 0.20	Blue	6.3	1.91	12	500
SIPF10R100	10	322 x 0.20	Red	6.3	1.91	12	100
SIPF10R500	10	322 x 0.20	Red	6.3	1.91	12	500
SIPF10W100	10	322 x 0.20	White	6.3	1.91	12	100
SIPF10W500	10	322 x 0.20	White	6.3	1.91	12	500
SIPF16B100	16	511 x 0.20	Black	7.4	1.21	18	100
SIPF16B500	16	511 x 0.20	Black	7.4	1.21	18	500
SIPF16G/Y500	16	511 x 0.20	Green / Yellow	7.4	1.21	18	500
SIPF16L100	16	511 x 0.20	Blue	7.4	1.21	18	100
SIPF16L500	16	511 x 0.20	Blue	7.4	1.21	18	500
SIPF16R100	16	511 x 0.20	Red	7.4	1.21	18	100
SIPF16R500	16	511 x 0.20	Red	7.4	1.21	18	500
SIPF16W100	16	511 x 0.20	White	7.4	1.21	18	100
SIPF16W500	16	511 x 0.20	White	7.4	1.21	18	500
SIPF25B500	25	784 x 0.20	Black	9.1	0.78	27.5	500
SIPF25G/Y500	25	784 x 0.20	Green / Yellow	9.1	0.78	27.5	500
SIPF25L500	25	784 x 0.20	Blue	9.1	0.78	27.5	500
SIPF25R500	25	784 x 0.20	Red	9.1	0.78	27.5	500
SIPF25W500	25	784 x 0.20	White	9.1	0.78	27.5	500
SIPF35B100	35	714 x 0.25	Black	10.4	0.53	37.9	100
SIPF35B500	35	714 x 0.25	Black	10.4	0.53	37.9	500
SIPF35G/Y500	35	714 x 0.25	Green / Yellow	10.4	0.53	37.9	500
SIPF35L500	35	714 x 0.25	Blue	10.4	0.53	37.9	500
SIPF35R100	35	714 x 0.25	Red	10.4	0.53	37.9	100
SIPF35R500	35	714 x 0.25	Red	10.4	0.53	37.9	500
SIPF35W500	35	714 x 0.25	White	10.4	0.53	37.9	500
SIPF50B100	50	1577 x 0.20	Black	12.3	0.386	53.5	100
SIPF50L500	50	1577 x 0.20	Blue	12.3	0.386	53.5	500
SIPF50B500	50	1577 x 0.20	Black	12.3	0.386	53.5	500
SIPF50G/Y500	50	1577 x 0.20	Green / Yellow	12.3	0.386	53.5	500
SIPF50R100	50	1577 x 0.20	Red	12.3	0.386	53.5	100
SIPF50R500	50	1577 x 0.20	Red	12.3	0.386	53.5	500

Class 5 flexible conductors

Building Wire



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Temperature Range:

Fixed: -35°C to +105°C



Part No.	Nominal conductor area (mm ²)	Stranding	Colour	Approx. overall Ø mm	Max DC Ω resistance at 20°C	Approx weight kg/100mt	Roll sizes (mtrs)
SIPF50W500	50	1577 x 0.20	White	12.3	0.386	53.5	500
SIPF70B500	70	2204 x 0.20	Black	14	0.272	73.1	500
SIPF70G/Y500	70	2204 x 0.20	Green / Yellow	14	0.272	73.1	500
SIPF70L500	70	2204 x 0.20	Blue	14	0.272	73.1	500
SIPF70R500	70	2204 x 0.20	Red	14	0.272	73.1	500
SIPF70W500	70	2204 x 0.20	White	14	0.272	73.1	500
SIPF95B500	95	1348 x 0.30	Black	16.3	0.2	100	500
SIPF95G/Y500	95	1348 x 0.30	Green / Yellow	16.3	0.2	100	500
SIPF95R500	95	1348 x 0.30	Red	16.3	0.2	100	500
SIPF95W500	95	1348 x 0.30	White	16.3	0.2	100	500
SIPF120B500	120	1672 x 0.30	Black	17.9	0.161	122.9	500
SIPF120G/Y500	120	1672 x 0.30	Green / Yellow	17.9	0.161	122.9	500
SIPF120R500	120	1672 x 0.30	Red	17.9	0.161	122.9	500

