

Design

Wire YV 1X0.8/1.4
 Tinned copper wire ø 0.8 mm (0.031 in)
 Insulation of Polyvinylchloride (PVC) ø 1.4 mm (0.055 in)
 Wall thickness about 0.3 mm

Electrical data at 20°C

Conductor resistance	≤	36	Ohm/km
Insulation resistance	≥	200	MOhm*km
Operating voltage (peak)	≤	900	V
Test voltage (rms 50Hz 1min)	=	2500	V

Mechanical and thermal characteristics

Stripping force of insulation to SN 54232

VDE 0812
 SN 54232

Application / Special feature:

Permissible temperature range : -15 °C (5 °F) up to 70 °C (158 °F)
 PVC weight with Phthalate : 1.4 Kg/km
 PVC weight without Phthalate : 0.0 Kg/km
 Weight about : 6 Kg/km (4 lb/1000ft)

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Designation of order:

Type	Colour	Order number
YV 1X0.8/1.4 VZN	BN	H50402-A814-A1
YV 1X0.8/1.4 VZN	BN	H50402-A814-A1-96 *)
YV 1X0.8/1.4 VZN	RD	H50402-A814-A2
YV 1X0.8/1.4 VZN	RD	H50402-A814-A2-96 *)
YV 1X0.8/1.4 VZN	YE	H50402-A814-A4
YV 1X0.8/1.4 VZN	YE	H50402-A814-A4-96 *)
YV 1X0.8/1.4 VZN	GN	H50402-A814-A5
YV 1X0.8/1.4 VZN	GN	H50402-A814-A5-96 *)
YV 1X0.8/1.4 VZN	BU	H50402-A814-A6
YV 1X0.8/1.4 VZN	BU	H50402-A814-A6-96 *)
YV 1X0.8/1.4 VZN	VT	H50402-A814-A7
YV 1X0.8/1.4 VZN	GY	H50402-A814-A8
YV 1X0.8/1.4 VZN	GY	H50402-A814-A8-96 *)
YV 1X0.8/1.4 VZN	WH	H50402-A814-A9
YV 1X0.8/1.4 VZN	WH	H50402-A814-A9-96 *)
YV 1X0.8/1.4 VZN	BK	H50402-A814-A10
YV 1X0.8/1.4 VZN	BK	H50402-A814-A10-96 *)
YV 1X0.8/1.4 VZN	PK	H50402-A814-A11
YV 1X0.8/1.4 VZN	PK	H50402-A814-A11-96 *)
YV 1X0.8/1.4 VZN	WHGN	H50402-A814-A21
YV 1X0.8/1.4 VZN	WHYE	H50402-A814-A22
YV 1X0.8/1.4 VZN	WHBU	H50402-A814-A23
YV 1X0.8/1.4 VZN	WHRD	H50402-A814-A25
YV 1X0.8/1.4 VZN	YEBN	H50402-A814-A28
YV 1X0.8/1.4 VZN	GNYE	H50402-A814-A31
YV 1X0.8/1.4 VZN	GNRD	H50402-A814-A32
YV 1X0.8/1.4 VZN	YEBK	H50402-A814-A36
YV 1X0.8/1.4 VZN	RDBU	H50402-A814-A37

500 m on cone

*) 250 m on cone