

Application

Intended for use as thermocouple extension cabling for appliances or electrical equipment, 600/1000V AC

Characteristics

Temp low: -65°C

Temp >20,000 hrs: +200°C

MBR:

Fixed = 5x Ø

Flexing = 10x Ø

Standard

IEC / EN 60584-3

Current rating DIN VDE 0298-4

Cable identification (according to IEC 60584.3)

Cores :

EX: 1st: Violet (Positive leg), 2nd: White (Negative leg)

JX: 1st: Black (Positive leg), 2nd: White (Negative leg)

KX: 1st: Green (Positive leg), 2nd: White (Negative leg)

Sheath :

EX: Violet

JX: Black

KX: Green

Unshielded:



TYPE EX	No. of cores	Size mm ² (AWG)	Wire Nom Ø	PTFE Insulation Nom Ø	Shield Nom Ø	PFA Sheath Nom Ø	Weight Nom g/m	20°C DC resistance NiCr/ CuNi Max Ω/km	DC current Rating In free air at 40°C Amps
Nickel Chromel (NiCr) + Copper Nickel (CuNi) -	2	0.22 (24)	0.60	1.10	-	2.7	11	3079/ 2131	N/A
	2	1.23 (16)	1.42	2.08	-	4.9	43	603/ 417	N/A



TYPE JX	No. of cores	Size mm ² (AWG)	Wire Nom Ø	PTFE Insulation Nom Ø	Shield Nom Ø	PFA Sheath Nom Ø	Weight Nom g/m	20oC DC resistance Fe/CuNi Max Ω/km	DC current Rating In free air at 40°C Amps
Iron (Fe) + Copper Nickel (CuNi) -	2	0.22 (24)	0.60	1.10	-	2.7	11	423/ 2131	N/A
	2	1.23 (16)	1.42	2.08	-	4.9	41	82.9/ 417	N/A



TYPE EX	No. of cores	Size mm ² (AWG)	Wire Nom Ø	PTFE Insulation Nom Ø	Shield Nom Ø	PFA Sheath Nom Ø	Weight Nom g/m	20oC DC resistance NiCr/NiAl Max Ω/km	DC current Rating In free air at 40°C Amps
Nickel Chromel (NiCr) + Copper Nickel (CuNi) -	2	0.22 (24)	0.60	1.10	-	2.7	11	3079/1282	N/A
	2	0.50	0.95	1.45	-	3.4	18	1973/614	N/A
	2	0.75	1.10	1.65	-	3.8	25	983/409	
	2	1.23 (16)	1.42	2.03	-	4.8	41	603/251	N/A

Shielded:



TYPE EX	No. of cores	Size mm ² (AWG)	Wire Nom Ø	PTFE Insulation Nom Ø	NPC braid Shield Nom Ø	PFA Sheath Nom Ø	Weight Nom g/m	20oC DC resistance NiCr/ CuNi Max Ω/km	DC current Rating In free air at 40°C Amps
Nickel Chromel (NiCr) + Copper Nickel (CuNi) -	2	0.22 (24)	0.60	1.10	2.7	3.2	19	3079/ 2131	N/A

	2	1.23 (16)	1.42	2.08	4.6	5.3	56	603/417	N/A
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TYPE JX	No. of cores	Size mm ² (AWG)	Wire Nom Ø	PTFE Insulation Nom Ø	NPC braid Shield Nom Ø	PFA Sheath Nom Ø	Weight Nom g/m	20oC DC resistance Fe/CuNi Max Ω/km	DC current Rating In free air at 40°C Amps
Iron (Fe) + Copper Nickel (CuNi) -	2	0.22 (24)	0.60	1.10	2.7	3.2	19	423/ 2131	N/A
	2	1.23 (16)	1.42	2.08	4.6	5.3	56	82.9/ 417	N/A



TYPE EX	No. of cores	Size mm ² (AWG)	Wire Nom Ø	PTFE Insulation Nom Ø	NPC braid Shield Nom Ø	PFA Sheath Nom Ø	Weight Nom g/m	20oC DC resistance NiCr/NiAl Max Ω/km	DC current Rating In free air at 40°C Amps
Nickel Chromel (NiCr) + Copper Nickel (CuNi) -	2	0.22 (24)	0.60	1.10	2.7	3.2	19	3079/1282	N/A
	2	0.50	0.95	1.45	3.4	3.9	29	1973/614	N/A
	2	0.75	1.10	1.65	3.8	4.3	35	983/409	
	2	1.23 (16)	1.42	2.03	4.8	5.3	54	603/251	N/A