

J Duplex Insulated Iron-Constantan Duplex IEC Type J

ALL MODELS AVAILABLE FOR FAST DELIVERY!

IEC Colour Code: Positive Wire, Black; Negative Wire, White; Overall, Black
OMEGA Engineering does not use reprocessed PFA or PVC in manufacturing thermocouple wire.

Insulation	AWG No.	Model Number	Price 300M	Class 1 †††	Conductor dia. mm	Insulation		Max. Temp		Nominal Size mm	Wt. † kg/300 m
						Conductor	Overall	°C	°F		
Silica*	14	XS-JI-14	£1206	£1387	1.63	Silica	Silica	590	1100	3.6 x 5.0	16
	20	XS-JI-20	838	965	0.81	Silica	Silica	480	900	2.7 x 3.9	6
	24	XS-JI-24	771	888	0.51	Silica	Silica	370	700	2.2 x 3.4	5
High-Temp. Glass	20	HH-JI-20	248	289	0.81	High-Temp Glass	High-Temp Glass	480	900	1.5 x 2.7	4
	24	HH-JI-24	195	222	0.51	High-Temp Glass	High-Temp Glass	370	700	1.1 x 2.2	3
Glass	14	GG-JI-14	520	597	1.63	Glass Braid	Glass Braid	480	900	1.5 x 2.4	4
	20	GG-JI-20	208	238	0.81	Glass Braid	Glass Braid	480	900	1.5 x 2.5	4
	20	GG-JI-20S	285	342	7 x 0.32	Glass Braid	Glass Braid	480	900	1.3 x 2.0	3
	24	GG-JI-24	161	185	0.51	Glass Braid	Glass Braid	370	700	1.3 x 2.2	3
	24	GG-JI-24S	218	262	7 x 0.20	Glass Braid	Glass Braid	370	700	1.1 x 2.0	2
	28	GG-JI-28	151	175	0.32	Glass Wrap	Glass Braid	370	700	1.0 x 1.4	2
	30	GG-JI-30	155	178	0.25	Glass Wrap	Glass Braid	320	600	0.9 x 1.3	2
36	GG-JI-36	208	242	0.13	Glass Wrap	Glass Braid	320	600	0.8 x 1.1	1	
PFA and Glass	30	TG-JI-30	322	-	0.25	PFA	Glass Braid	260	500	0.9 x 1.2	1
	36	TG-JI-36	369	-	0.13	PFA	Glass Braid	260	500	0.7 x 1.0	1
	40	TG-JI-40	415	-	0.08	PFA	Glass Braid	260	500	0.7 x 0.9	1
PFA (High Performance)	20	TT-JI-20	262	302	0.81	PFA	PFA	260	500	1.7 x 3.0	5
	20	TT-JI-20S	346	416	7 x 0.32	PFA	PFA	260	500	1.9 x 3.2	5
	22	TT-JI-22S	342	409	7 x 0.25	PFA	PFA	260	500	1.7 x 3.4	4
	24	TT-JI-24	225	248	0.51	PFA	PFA	260	500	1.4 x 2.4	3
	24	TT-JI-24S	292	349	7 x 0.20	PFA	PFA	260	500	1.6 x 2.6	3
	30	TT-JI-30††	235	258	0.25	PFA	PFA	260	500	0.6 x 1.0	1
	36	TT-JI-36††	268	295	0.13	PFA	PFA	260	500	0.5 x 0.8	1
40	TT-JI-40††	356	389	0.08	PFA	PFA	260	500	0.4 x 0.7	1	
FEP	20	FF-JI-20	252	289	0.81	FEP	FEP	200	392	1.7 x 3.0	5
	24	FF-JI-24	188	215	0.51	FEP	FEP	200	392	1.7 x 3.0	3
Polyvinyl	24	PR-JI-24	88	101	0.51	Polyvinyl	None***	105	221	1.4 x 2.3	3
	24	PP-JI-24S	158	189	7 x 0.20	Polyvinyl	(Polyvinyl)	105	221	2.0 x 3.4	3

* Additional Type J insulated wires are available. See Fused Tape Insulated TFE-J and KK-J Series.

*Has colour tracers on jacket and conductors.

***Two insulated leads bonded together, but with no overjacket.

†Weight of reel and wire rounded to the next highest kg (does not include packing material).

††Overall colour clear.

†††To order class 1 tolerance wire, add "-SLE" to model number before reel length.

Ordering Example: GG-JI-24-SLE-300M, 300 m of Type J duplex insulated class 1 tolerance thermocouple wire, £185.

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