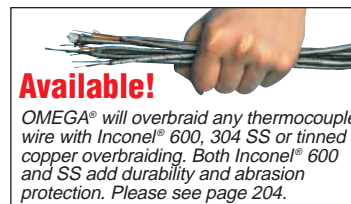


# Thermocouple Cable Duplex Extension Grade



**JX** Extension Grade  
Iron/Constantan  
Duplex  
IEC Type JX

IEC Colour Code: Positive Wire, Black; Negative Wire, White; Overall, Black   **MOST POPULAR MODELS HIGHLIGHTED!**

Insulation	AWG No.	Model Number	Price/300 m	Class 1 300 m <sup>††</sup>	Con. Dia. mm	Insulation		Max Temp*		Nominal Size mm	Wt. kg/300 m
						Conductor	Overall	°C	°F		
Glass	16	EXGG-JI-16	£419	£479	1.29	Glass braid	Glass braid	200	392	2.2 x 3.3	9
PFA	16	EXTT-JI-16	705	810	1.29	PFA	PFA	200	392	2.2 x 3.9	8
Neoflon	20	EXTT-JI-20	305	348	0.81	PFA	PFA	200	392	1.7 x 2.9	4
PFA	24	EXTT-JI-24	231	265	0.51	PFA	PFA	200	392	1.4 x 2.3	3
Polyvinyl	14	EXPP-JI-14	520	600	1.63	Polyvinyl	Polyvinyl	105	221	3.4 x 7.3	13
	16	EXPP-JI-16	291	332	1.29	Polyvinyl	Polyvinyl	105	221	3.1 x 5.3	10
	16	EXPP-JI-16S	442	530	7 x 0.51	Polyvinyl	Polyvinyl	105	221	5.5 x 5.7	10
	20	EXPP-JI-20	144	164	0.81	Polyvinyl	Polyvinyl	105	221	2.4 x 3.8	6
	20	EXPP-JI-20S	258	308	7 x 0.32	Polyvinyl	Polyvinyl	105	221	3.1 x 4.4	6
	24	EXPP-JI-24S	214	258	7 x 0.2	Polyvinyl	Polyvinyl	105	221	2.1 x 3.4	4
PFA	16	EXFF-JI-16	615	705	1.29	FEP	FEP	200	392	2.2 x 3.9	8
Neoflon	20	EXFF-JI-20	295	338	0.81	FEP	FEP	200	392	1.7 x 2.9	4
FEP	24	EXFF-JI-24	204	231	0.51	FEP	FEP	200	392	1.4 x 2.3	3

\* Maximum temperature is for extension-grade wire or insulation, whichever is lower. <sup>†</sup> Weight of reel and wire rounded to the next highest kg (does not include packing material). <sup>††</sup> To order Class 1 wire, add “-SLE” to model number before reel length.

**Ordering Example:** EXTT-JI-20-7.5M, 7.5 m reel of extension-grade thermocouple wire, Type J, 0.81 mm diameter solid conductors, PFA over PFA insulation, £305 x 0.0625 = £19.

**TX** Extension Grade  
Copper/Constantan  
Duplex  
IEC Type TX

IEC Colour Code: Positive Wire, Brown; Negative Wire, White; Overall, Brown

Insulation	AWG No.	Model Number	Price/300 m	Class 1 300 m <sup>††</sup>	Con. Dia. mm	Insulation		Max Temp*		Nominal Size mm	Wt. kg/300 m
						Conductor	Overall	°C	°F		
PFA	16	EXTT-TI-16	£725	835	1.29	PFA	PFA	200	392	2.2 x 3.9	8
Neoflon	20	EXTT-TI-20	298	342	0.81	PFA	PFA	200	392	1.7 x 2.9	4
PFA	24	EXTT-TI-24	245	281	0.51	PFA	PFA	200	392	1.4 x 2.3	3
Polyvinyl	14	EXPP-TI-14	545	625	1.63	Polyvinyl	Polyvinyl	105	221	3.4 x 7.3	13
	16	EXPP-TI-16	409	372	1.29	Polyvinyl	Polyvinyl	105	221	3.1 x 5.3	10
	20	EXPP-TI-20	154	178	0.81	Polyvinyl	Polyvinyl	105	221	2.4 x 3.8	6
	20	EXPP-TI-20S	275	328	7 x 0.32	Polyvinyl	Polyvinyl	105	221	3.1 x 4.4	6
	24	EXPP-TI-24	168	198	0.51	Polyvinyl	Polyvinyl	105	221	2.1 x 3.4	2
	24	EXPP-TI-24S	224	268	7 x 0.2	Polyvinyl	Polyvinyl	105	221	2.1 x 3.4	4
PFA	16	EXFF-TI-16	600	690	1.29	FEP	FEP	200	392	2.2 x 3.9	8
Neoflon	20	EXFF-TI-20	285	328	0.81	FEP	FEP	200	392	1.7 x 1.2	4
FEP	24	EXFF-TI-24	198	228	0.51	FEP	FEP	200	392	1.4 x 2.3	3

\* Maximum temperature is for extension-grade wire or insulation, whichever is lower. <sup>†</sup> Weight of reel and wire, rounded to next highest kg (does not include packing material). <sup>††</sup> To order Class 1 wire, add “-SLE” to model number before reel length.

**Ordering Example:** EXTT-TI-20-15M, 15 m reel of extension-grade thermocouple wire, Type TX, 0.81 mm diameter solid conductors, PFA Neoflon insulation, £298 x 0.1 = £30.

#### Discount Schedule (1000' Reels Only)

3 to 4 reels	.....10%
5 to 9 reels	.....15%
10 to 19 reels	.....20%

## REEL PRICING

**Note:** Published prices are based on market value at time of printing and are subject to change due to Nickel surcharges, Chromium and precious-metal market fluctuations.

### STANDARD REEL LENGTHS

7.5 m	60 m
15 m	150 m
30 m	300 m

**FOR LONGER LENGTHS,  
CONSULT SALES FOR  
PRICE AND DELIVERY!**

To order standard-length reels, multiply the 300 m reel price by the multiplier and round to the nearest pound.

**Example:** EXFF-TI-16-SLE-15M, 15 m reel of EXFF-TI-16 wire with Class 1 tolerance = £690 x 0.1 = £69.

### Reel Pricing Guidelines

Multiply 300 m reel price by multiplier and round to nearest pound. Consult Sales for price quote.

7.5 m	=	price from chart	x	0.0625
15 m	=	price from chart	x	0.1
30 m	=	price from chart	x	0.175
60 m	=	price from chart	x	0.3
150 m	=	price from chart	x	0.5
300 m	=	price from chart	x	1.0

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