

JAMECO ValuePro

Conformal Coated RF Chokes

5300 Series Equivalents

- High current and high self-resonant frequency
- Low DCR
- Low cost
- Epoxy coated to protect winding from harsh environments



Part No.	Cross Ref. No.	L ±10% (µH)	Res. Freq. Min. (MHz)	DCR Max. (Ω)	Current Max. (mA)	Pricing		
						1	10	100
644332	5300-03	1.5	160.0	0.019	3300	\$1.29	\$1.16	\$1.00
644341	5300-10	5.6	64.0	0.074	1600	1.29	1.16	1.00
644367	5300-13	10.0	25.0	0.095	1500	1.29	1.16	1.00
644375	5300-17	22.0	8.4	0.19	1000	1.29	1.16	1.00
642476	5300-19	33.0	7.6	0.24	910	1.29	1.16	1.00
642492	5300-25	100.0	3.9	0.67	550	1.29	1.16	1.00
642530	5300-33	470.0	1.4	3.4	240	1.29	1.16	.88

JAMECO ValuePro

Epoxy Conformal Coated RF Chokes

77F Series Equivalents

- High current and self-resonant frequency
- Low DCR
- Dielectric strength: 550Vrms
- Operating temp.: -55°C to +105°C
- Color bands identification
- Overall length: 2.41"
- Body length: 0.41"
- Lead length: 1.0"
- Body diameter: 0.157"



Part No.	Cross Ref. No.	L ±10% (µH)	SRF (MHz) (min.)	DCR Max. (Ω)	I (mA) Max.	Pricing		
						1	10	100
371995	77F6R8	6.8	68.0	0.48	550	\$.43	\$.39	\$.32
372007	77F100	10.0	45.0	0.58	500	.43	.39	.32
372015	77F270	27.0	7.6	0.94	390	.43	.39	.32
372023	77F330	33.0	6.3	1.03	370	.43	.39	.32
372031	77F470	47.0	6.3	1.22	340	.43	.39	.32
372040	77F820	82.0	5.3	1.62	290	.43	.39	.32
372058	77F101	100.0	4.8	1.80	275	.43	.39	.32
372066	77F221	220.0	3.0	5.10	155	.43	.39	.32
372074	77F331	330.0	2.6	6.40	137	.43	.39	.32
372082	77F391	390.0	2.4	7.00	133	.43	.39	.32
372091	77F102	1000.0	1.4	14.0	100	.43	.39	.32

* L (µH) ±5%

78F Series Equivalents

- High Q and self-resonant frequency
- Dielectric strength: 500Vrms
- Color bands identification
- Operating temp.: -55°C to +105°C
- Overall length: 2.28"
- Low cost
- Low DCR
- Body length: 0.28"
- Body diameter: 0.11"
- Lead length: 1.0"



Part No.	Cross Ref. No.	L ±10% (µH)	SRF (MHz) (min.)	DCR Max. (Ω)	I (mA) Max.	Pricing		
						1	10	100
372103	78FR68	0.68	250	0.12	495	\$.42	\$.26	\$.173
372111	78F1R0	1.0	180	0.15	385	.42	.26	.173
372120	78F1R8	1.8	125	0.25	455	.42	.26	.173
372138	78F2R7	2.7	95	0.30	355	.42	.26	.173
372144	78F3R3	3.3	70	0.34	270	.42	.26	.173
372154	78F4R7	4.7	50	0.35	230	.42	.26	.173
372162	78F8R2	8.2	28	0.55	155	.42	.26	.173
372171	78F100	10.0	22	0.72	130	.42	.26	.173
372189	78F120	12.0	20	0.80	155	.42	.26	.173
372197	78F220	22.0	13	1.20	140	.42	.26	.173
372200	78F270	27.0	11	1.35	135	.42	.26	.173
372218	78F330	33.0	10	1.50	195	.42	.26	.173
372226	78F390	39.0	9.5	1.70	185	.42	.26	.173
372234	78F470	47.0	8.5	2.30	167	.42	.26	.173
372242	78F101	100.0	5.5	3.50	125	.42	.26	.173
372251	78F121	120.0	5.4	3.80	100	.42	.26	.173
372269	78F221	220.0	4.0	5.70	76	.42	.26	.173
372277	78F471	470.0	2.5	11.60	53	.42	.26	.173

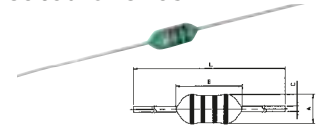
* L (µH) ±5%

♣ This product ships from a separate warehouse and may not ship the same day. Each warehouse will accrue separate shipping charges. Sorry, we're unable to ship COD.

♣ RoHS compliant product ♣ This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. [Details on page 1.](#)

Epoxy Conformal Coated Chokes

- Operating temperature: -25°C to +85°C
- Tolerance: 5%
- Size: A = 3.2mm max. B = 7.0mm max. C = 0.48±0.5mm (except P/N 208143: 0.50±0.5mm) D = 63±3mm

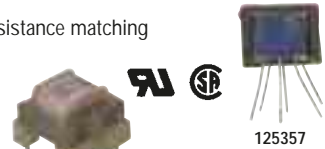


Part No.	L (µH)	Q (min.)	Test. Freq (MHz)	Res. Freq Min. (MHz)	DCR Max. (Ω)	Max. DC Curr. (mA)	Pricing		
							1	10	100
208143	10	60	7.96	28.7	1.56	670	\$.49	\$.45	\$.39
208194	100	45	2.52	5.0	4.98	240	.49	.45	.39
208215	330	45	0.796	2.7	13.2	140	.42	.213	.16
208223	470	45	0.796	2.2	21.4	120	.42	.341	.173
208240	1000	45	0.796	1.5	31.3	80	.49	.45	.39

Modem Coupling Transformers

125357:

- ±20% impedance matching and DC resistance matching
- Insulation resistance: 100MΩ
- Vacuum wax impregnated
- Core type: EI-14
- Hipot tested: 1000VAC



117760:

- Dielectric strength: 1250VAC
- Insertion loss: 2.50dB @ 1kHz

117760

Part No.	Cross Ref. No.	Impedance (Ω)		Resistance (Ω)		Pricing		
		Primary	Secondary	Primary	Secondary	1	10	100
125357	XFR6006A14	600CT	600CT	65	55	\$1.35	\$1.28	\$1.15
117760	671-8014	600	600	108	120	1.99	1.69	1.34

TRIAD Data Voice Coupling Transformers

- Meets requirements for access over leased private lines or through dial-up switched telephone network
- Applications: impedance matching, isolation, repeat coil, line balancing, and hybrid circuits
- Designed to meet FCC part 68.310: 60dB min., 200-1000Hz; 45dB min., 1000-4000Hz
- Dielectric strength FCC68.304: 1500V
- Power level: -45dBm to +7dBm
- Frequency range: data voice: 300 – 3500Hz; data: 800 to 3500Hz



Data/Voice Coupling Transformers

- Typical frequency response: ±0.5

Part No.	Prod. No.	Impedance (Ω)		DC Current (mA) max.	Typical Loss dB		Pricing		
		Primary	Secondary		Insertion	Return	1	10	100
630491	TY-303P	4000	600	0	1.0	26	\$5.29	\$4.03	\$3.52
630504	TY-305P	600	600	100	1.5	10	10.39	6.85	6.28
630512	TY-306P	600*	600	75	1.5	10	10.39	6.85	6.28
630521	TY-307P	600	600	0	1.0	26	6.09	4.01	3.68
630539	TY-400P	600	600	90	1.75	15	7.95	5.22	4.78
630547	TY-401P	600CT	600CT	90	1.75	15	7.95	5.22	4.78
630555	TY-402P	600	600	90	1.75	13	6.55	4.32	3.96
630563	TY-403P	600	600*	90	1.75	13	6.55	4.32	3.96

* Split coil

Data/Voice Dual Transformer Hybrid

630475: Trans-hybrid loss: 50dB

630483: Trans-hybrid loss: 55dB

Part No.	Prod. No.	Impedance (Ω)		DC Current (mA) max.	Typical Loss dB		Pricing		
		Primary	Secondary		Insertion	Return	1	10	100
630475	TY-300P	600 (4W)	600/600	0	0.8	30	\$5.29	\$3.48	\$3.19
630483	TY-302P	600 (4W)	600/600	0	0.65	32	7.95	5.22	4.78

We're Listening to Your Requests

Email us 24/7 at NewProducts@Jameco.com with suggestions for products you'd like to see in future catalogs.