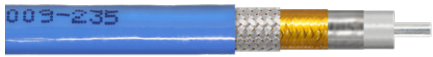


Selection Guide: 50 Ohm Coax Cable

Series 962 Coax Cables 50 Ohm Low Loss



Series 962 50 Ohm Coax Cables are available in seven size categories: 047, 086, 160, 200, 235, 300 and 450. These low attenuation cables are suitable for aerospace applications and test equipment. Jacket options include FEP and radiation-resistant space-grade ETFE. Triple-shielded high performance cables have expanded PTFE dielectric core for low loss up to 40 GHz.

- Low attenuation
- FEP and ETFE jackets
- Low Phase Change cables
- Seven size categories
- Compatible with standard RF/ Microwave connectors

047



26.5 GHz
Hand Formable
Tin-Soaked Braid
.047 (1.2) Diameter
[962-014-047](#)
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086



40 GHz
FEP Jacket
Tape + Braid Shield
.104 (2.6) Diameter
[962-010-405](#)
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40 GHz
ETFE Jacket
Tape + Braid Shield
.097 (2.5) Diameter
[962-010-405TZ](#)
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160



40 GHz
FEP Jacket
Triple Shield
.161 (4.1) Diameter
[962-009-160](#)
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18 GHz
FEP Jacket
Tape + Braid Shield
.163 (4.1) Diameter
[962-010-402](#)
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18 GHz
ETFE Jacket
Tape + Braid Shield
.163 (4.1) Diameter
[962-010-402TZ](#)
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18 GHz
ETFE Jacket
Triple Shield
.145 (3.7) Diameter
[962-016-160](#)
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40 GHz
Low Phase Change
FEP Jacket
.157 (4.0) Diameter
[962-011-402](#)
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40 GHz
Low Phase Change
ETFE Jacket
.157 (4.0) Diameter
[962-017-402](#)
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200



26.5 GHz
FEP Jacket
Triple Shield
.204 (5.2) Diameter
[962-009-200](#)
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26.5 GHz
ETFE Jacket
Triple Shield
.187 (4.7) Diameter
[962-012-200](#)
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235



18 GHz
FEP Jacket
Triple Shield
.235 (6.0) Diameter
[962-009-235](#)
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18 GHz
ETFE Jacket
Triple Shield
.205 (5.2) Diameter
[962-012-235](#)
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300



18 GHz
FEP Jacket
Triple Shield
.310 (7.9) Diameter
[962-009-300](#)
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450



10 GHz
FEP Jacket
Triple Shield
.448 (6.0) Diameter
[962-009-450](#)
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Selection Guide

COAX CABLE

50 OHM LOW LOSS COAX CABLE											
Size Category	Part Number	Cable Type	Cable O.D.		Conductor Dia.		Shield Construction	Jacket	GHz	Dielectric	Page
			in	mm	in	mm					
047	962-014-047	Hand-Formable	.047	1.2	.011	0.29	Tin-Soaked Braid	—	26.5	PTFE	48
086	962-010-405	Flexible	.104	2.6	.020	0.51	Tape + Braid	FEP	40	PTFE	43
	962-010-405TZ	Flexible	.097	2.5	.020	0.51	Tape + Braid	ETFE	40	PTFE	43
160	962-009-160	High Performance Flexible	.161	4.1	.036	0.91	Tape + Foil + Braid	FEP	40	e-PTFE	38
	962-010-402	Flexible	.163	4.1	.037	0.94	Tape + Braid	FEP	18	PTFE	44
	962-010-402TZ	Flexible	.163	4.1	.037	0.94	Tape + Braid	ETFE	18	PTFE	44
	962-011-402	Low Phase Change Flexible	.157	4.0	.041	1.04	Tape + PTFE + Braid	FEP	40	LPCF	45
	962-016-160	High Performance Flexible	.145	3.7	.036	0.91	Tape + Foil + Braid	ETFE	18	e-PTFE	49
	962-017-402	Low Phase Change Flexible	.157	4.0	.041	1.04	Tape + PTFE + Braid	ETFE	40	LPCF	50
200	962-009-200	High Performance Flexible	.204	5.2	.051	1.30	Tape + Foil + Braid	FEP	26.5	e-PTFE	39
	962-012-200	Flexible	.187	4.7	.051	1.30	Tape + Foil + Braid	ETFE	26.5	e-PTFE	46
235	962-009-235	High Performance Flexible	.235	6.0	.057	1.45	Tape + Foil + Braid	FEP	18	e-PTFE	40
	962-012-235	High Performance Flexible	.205	5.2	.057	1.45	Tape + Foil + Braid	ETFE	18	e-PTFE	47
300	962-009-300	High Performance Flexible	.310	7.9	.089	2.26	Tape + Foil + Braid	FEP	18	e-PTFE	41
450	962-009-450	High Performance Flexible	.448	11.4	.133	3.38	Tape + Foil + Braid	FEP	10	e-PTFE	42

JACKET ABBREVIATIONS

- e-PTFE** expanded PTFE
- ETFE** ethylene tetrafluoroethylene
- FEP** fluorinated ethylene propylene
- LPCF** low phase change fluoropolymer
- PTFE** polytetrafluoroethylene