


MODEL	TYPE	GENDER	LGT/FT	1-9	10-24	25-99
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RG58/U ThinNet Coaxial Cables - Most Reliable Double Shielded for Ethernet Networking

ThinNet Coaxial, Thin Wire Ethernet, 10BASE-2 or CheaperNet are all names for the RG58 type of coaxial transmission media. The speed of Ethernet is 10Mbps regardless of your cable of choice. The difference in performance between thick and thin Ethernet relate only to distance. So if you have 30 or fewer users on your segment and your length requirement does not exceed 185m (607 ft) make ThinNet the cable of your choice.

L-com offers a family of ready made Thin Ethernet coaxial cable assemblies with molded BNC terminations, and fully insulated covers to guarantee against ground loop problems. This improved cable is Double Shielded to meet the rigid coaxial cable electrical parameters defined in section 10.5 of the IEEE 802.3 specification.

RG58/U (R9907) Thin Ethernet Type 	<ul style="list-style-type: none"> Center Conductor: 20 (19x32) AWG tinned copper Shielding: Tinned copper braid + foil (100% coverage) Insulation: Foam polyethylene Jacket: Beige PVC Operating Temperature: -40°C - +75°C 	NOMINAL ATTENUATION		
		MHz	db/100ft	db/100m
		50	2.9	9.5
		100	4.2	13.8
		200	6.1	20.0
		400	8.9	29.2
		1000	14.8	48.6

RG58/U Thin Ethernet Coaxial Cables - Fully Insulated In-Line BNC Plugs

CCTN58-1B	ThinNet Coaxial Cable	Male / Male	1.0	8.50	7.82	7.14
CCTN58-2B	ThinNet Coaxial Cable	Male / Male	2.0	9.00	8.28	7.56
CCTN58-2.5B	ThinNet Coaxial Cable	Male / Male	2.5	9.25	8.51	7.77
CCTN58-3B	ThinNet Coaxial Cable	Male / Male	3.0	9.50	8.74	7.98
CCTN58-5B	ThinNet Coaxial Cable	Male / Male	5.0	10.50	9.66	8.82
CCTN58-6B	ThinNet Coaxial Cable	Male / Male	6.0	11.00	10.12	9.24
CCTN58-7.5B	ThinNet Coaxial Cable	Male / Male	7.5	11.75	10.81	9.87
CCTN58-10B	ThinNet Coaxial Cable	Male / Male	10.0	13.00	11.96	10.92
CCTN58-15B	ThinNet Coaxial Cable	Male / Male	15.0	15.50	14.26	13.02
CCTN58-25B	ThinNet Coaxial Cable	Male / Male	25.0	18.85	17.34	15.83
CCTN58-50B	ThinNet Coaxial Cable	Male / Male	50.0	30.35	27.92	25.49
CCTN58-100B	ThinNet Coaxial Cable	Male / Male	100.0	53.35	49.08	44.81

RG58/U Thin Ethernet Coaxial Cables - With Two Fully Insulated 90° Right Angle BNC Plugs

L-com is the first to offer ThinNet coaxial cables with right angle connectors that are 100% insulated by our unique molding process. Your choice of cables with either one or two right angle connectors. Other lengths quoted depending on quantity and lead times.

CCTN58-5HRB	ThinNet, One Rt. Angle BNC	Male / Male	5.0	14.85	13.66	12.47
CCTN58-10HRB	ThinNet, One Rt. Angle BNC	Male / Male	10.0	17.40	16.01	14.62
CCTN58-15HRB	ThinNet, One Rt. Angle BNC	Male / Male	15.0	19.90	18.31	16.72
CCTN58-25HRB	ThinNet, One Rt. Angle BNC	Male / Male	25.0	22.90	21.07	19.24
CCTN58-5HR2B	ThinNet, Two Rt. Angle BNC	Male / Male	5.0	19.90	18.31	16.72
CCTN58-10HR2B	ThinNet, Two Rt. Angle BNC	Male / Male	10.0	22.40	20.61	18.82
CCTN58-15HR2B	ThinNet, Two Rt. Angle BNC	Male / Male	15.0	24.90	22.91	20.92
CCTN58-25HR2B	ThinNet, Two Rt. Angle BNC	Male / Male	25.0	27.50	25.30	23.10

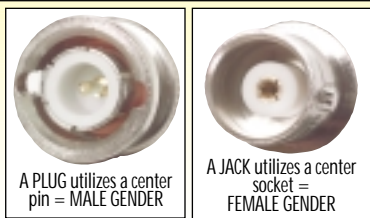
RG58/U 50 Ohm Thin Ethernet Plenum - With Two In-Line BNC Plugs

Plenum grade RG58/U is available for high temperature environments where PVC is not acceptable. Assemblies have FEP Teflon dielectric and flame retardant jacket. The center conductor is a 20 AWG solid conductor giving these assemblies very limited flexibility. All cables terminated with Teflon grade BNC connectors.

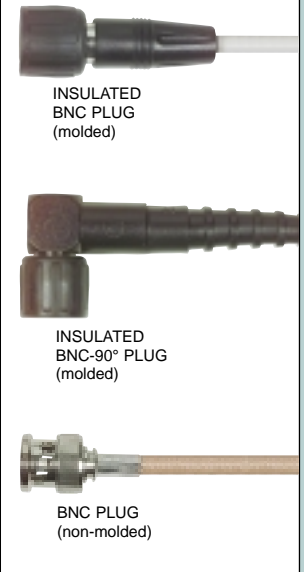
CCTN58P-1B	ThinNet Plenum Coaxial	Male / Male	1.0	10.30	9.89	9.48
CCTN58P-2B	ThinNet Plenum Coaxial	Male / Male	2.0	11.05	10.61	10.17
CCTN58P-2.5B	ThinNet Plenum Coaxial	Male / Male	2.5	11.40	10.94	10.49
CCTN58P-3B	ThinNet Plenum Coaxial	Male / Male	3.0	11.75	11.28	10.81
CCTN58P-5B	ThinNet Plenum Coaxial	Male / Male	5.0	13.20	12.67	12.14
CCTN58P-6B	ThinNet Plenum Coaxial	Male / Male	6.0	13.90	13.34	12.79
CCTN58P-7.5B	ThinNet Plenum Coaxial	Male / Male	7.5	15.00	14.40	13.80
CCTN58P-10B	ThinNet Plenum Coaxial	Male / Male	10.0	16.80	16.13	15.46
CCTN58P-15B	ThinNet Plenum Coaxial	Male / Male	15.0	20.40	19.58	18.77
CCTN58P-25B	ThinNet Plenum Coaxial	Male / Male	25.0	25.30	24.29	23.28
CCTN58P-50B	ThinNet Plenum Coaxial	Male / Male	50.0	41.80	40.13	38.46
CCTN58P-100B	ThinNet Plenum Coaxial	Male / Male	100.0	74.80	71.81	68.82

Q&A: *What is the difference between a plug and a jack?*

People commonly have problems picking the correct gender termination on cable assemblies. Plugs are considered male gendered connectors which utilize a center pin. Jacks are considered female gendered connectors utilizing a center socket.

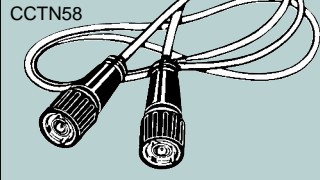


CONNECTOR LEGEND

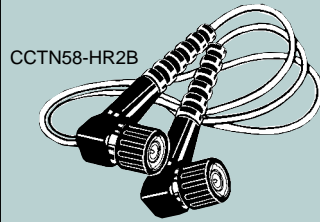


50 Ohm ETHERNET

- Double Shielded
- Fully Insulated BNC (minimize ground loops)
- Best Length Variety
- Premium Grade or Networks



Right Angle



Plenum Grade

- Thin Ethernet
- Double Shielded
- 50 Ohm Impedance
- FEP Teflon Insulation
- BNC Connectors

