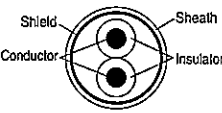
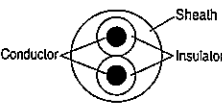


Applicable Cable

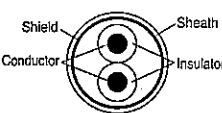
For cabling your network, check the system and specify the right cable.

■ Cables for TRNET/MEWNET-TR/MEWNET-F

Cable	Sectional view	Conductor		Insulator		Cable diameter	Max. transmission total extension distance	Typical applicable cable
		Size	Resistance (at 20°C 68°F)	Material note 1)	Thickness			
Shielded twisted-pair cable note 2)		1.25 mm ² (AWG16) or more	Max. 16.8 Ω/km	Polyethylene	Max. 0.5 mm .020 inch	Approx. 8.5 mm .335 inch	700 m 2,296.588 ft.	9860 made by Belden Inc.
		0.5 mm ² (AWG20) or more	Max. 33.4 Ω/km	Polyethylene	Max. 0.5 mm .020 inch	Approx. 7.8 mm .307 inch	600 m 1,968.504 ft.	9207 made by Belden Inc.
VCTF (Vinyl Cabtype Flat Cable)		0.75 mm ² (AWG18) or more	Max. 25.1 Ω/km	Polyvinyl chloride	Max. 0.6 mm .024 inch	Approx. 6.6 mm .260 inch	400 m 1,312.338 ft.	VCTF 0.75 mm ² x 2C

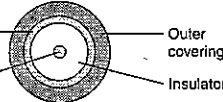
- Notes: 1) The electrical characteristics of polyvinyl chloride are not better than those of polyethylene. Its maximum transmission distance is affected.
 2) The twisted-pair cables must be shielded type.
 3) Use transmission cables of the same type. Do not use different types together.
 4) The twisted-pair cables are recommended where electrical noises might occur.

■ Cables for MEWNET-W/MEWNET-W2

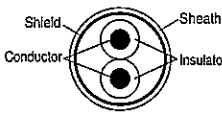
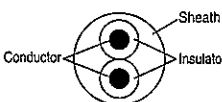
Cable	Sectional view	Conductor		Insulator		Cable diameter	Max. transmission total extension distance	Typical applicable cable
		Size	Resistance (at 20°C 68°F)	Material	Thickness			
Shielded twisted-pair cable note 1)		1.25 mm ² (AWG16) or more	Max. 16.8 Ω/km	Polyethylene	Max. 0.5 mm .020 inch	Approx. 8.5 mm .335 inch	800 m 2,624.672 ft. (1,200 m 3,937.008 ft. note 3)	9860 made by Belden Inc.
		0.5 mm ² (AWG20) or more	Max. 33.4 Ω/km	Polyethylene	Max. 0.5 mm .020 inch	Approx. 7.8 mm .307 inch	700 m 2,296.588 ft. (1,100 m 3,608.924 ft. note 4)	9207 made by Belden Inc.

- Notes: 1) The twisted-pair cables must be shielded type.
 2) Use transmission cables of the same type. Do not use different types together.
 3) 1200 m 3,937.008 ft. when MEWNET-W2 is set for 250k bits/s.
 4) 1100 m 3,608.924 ft. when MEWNET-W2 is set for 250k bits/s.

■ Cables for MEWNET-H

Type of cable	Sectional view	Max. transmission total extension distance	Typical applicable cable
5C-2 V		1,000 m 3,280.84 ft.	9248 made by Belden Inc.

■ Cables for C-NET

Cable	Sectional view	Conductor		Insulator		Cable diameter	Max. transmission total extension distance	Typical applicable cable
		Size	Resistance (at 20°C 68°F)	Material note 1)	Thickness			
Shielded twisted-pair cable note 2)		1.25 mm ² (AWG16) or more	Max. 16.8 Ω/km	Polyethylene	Max. 0.5 mm .020 inch	Approx. 8.5 mm .335 inch	1,200 m 3,937.008 ft.	9860 made by Belden Inc.
		0.5 mm ² (AWG20) or more	Max. 33.4 Ω/km	Polyethylene	Max. 0.5 mm .020 inch	Approx. 7.8 mm .307 inch	1,200 m 3,937.008 ft.	9207 made by Belden Inc.
VCTF		0.75 mm ² (AWG18) or more	Max. 25.1 Ω/km	Polyvinyl chloride	Max. 0.6 mm .024 inch	Approx. 6.6 mm .260 inch	1,200 m 3,937.008 ft.	VCTF 0.75 mm ² x 2C

- Notes: 1) The electrical characteristics of polyvinyl chloride are not better than those of polyethylene. Its maximum transmission distance is affected.
 2) The twisted-pair cables must be shielded type.
 3) Use transmission cables of the same type. Do not use different types together.
 4) The twisted-pair cables are recommended where electrical noises might occur.

For MEWNET-P optical fiber, refer to "Network Product Types".