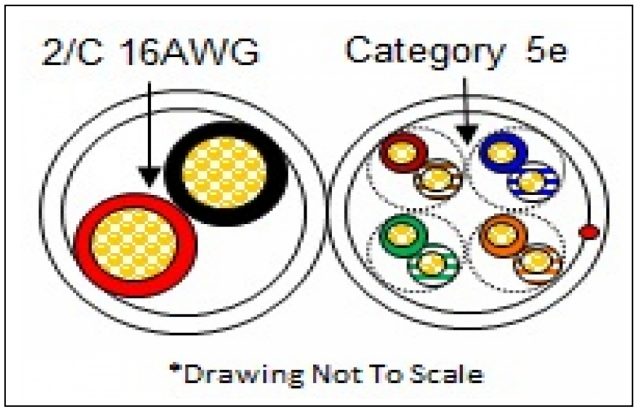
Part No.: RMMS5AE350+1002

Category 5e + 16/2 Siamese Non-Plenum

ETL listed for guaranteed performance
Made in the USA



Applications

This document establishes the specifications for a cable containing one Category 5e and a two conductor 16AWG cable in a siamese construction with a polyvinyl chloride jacket.

2c16

Conductor: 16AWG Stranded Bare Copper
Number of Conductors: 2/C
Insulation Material: Polyethylene
Insulation Color: Black, Red

Cat5e

Conductor: 24AWG Solid Bare Copper.
Number of Conductors: 4 Pairs (8/C)
Insulation Material: Polyethylene.

Overall

Construction Type: One Cat5e and one 2c16AWG are pulled in parallel at extrusion in a siamese construction.
Jacket Material: Polyvinyl Chloride
Jacket Color: Per Customer Requirement
Nominal Jacket Thickness: 0.025 in.
Nominal Overall Diameter: Minor over Cat5e: 0.220 in.
Minor over 2c16: 0.218 in.
Major: 0.463 in.

Cat5e

Nominal Mutual Capacitance: 14 pF/ft
Maximum Capacitance Unbalance: 330 pF/ft
Velocity of Propagation: 70%
Max. Conductor D.C.R.: 28.6 ohm/1000 feet
Max. DCR Unbalance: 5%
Max. Delay Skew: 45.0 ns/100m
Characteristic Impedance: from 0.772 - 100 MHz 100 ohm 15%
from 101 - 250 MHz 100 ohm 22%
from 251 - 350 MHz 100 ohm 32%

Standards

ANSI/TIA/EIA 568C.2 Category 5e
NEC Article 800

Codes & Listings

CMR Rating FT4
C(ETL)US

Preparation for Shipment

The cable shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cables due to shipment.

Warranty Info

All warranty information can be viewed at www.remee.com. This product is RoHS compliant and is directive 2002/95/EC. It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice.

Remee Products Inc.
P.O. Box 488 1751 Highway Rt.17A
Florida, New York 10921
t: 800.431.3864 e:info@remee.com

Remee
wire and cable
engineered with you in mind

Electrical Characteristics:

Frequency	SRL	Return Loss	Attenuation	NEXT	PS-NEXT	ELFEXT	PS-ELFEXT	ACR	PS-ACR
MHz	dB	dB	dB(100m)	dB	dB	dB	dB	dB	dB
	Minimum	Minimum	Maximum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum
1	23.0	20.0	2.0	65.3	62.3	63.8	60.8	63.3	60.3
4	23.0	20.3	4.0	56.3	53.3	51.7	48.7	52.3	49.3
8	23.0	20.5	5.7	51.8	48.8	45.7	42.7	46.1	43.1
10	23.0	25.0	6.4	50.3	47.3	43.8	40.8	43.9	40.4
16	23.0	25.0	8.2	47.3	44.3	39.7	36.7	39.1	36.1
20	23.0	25.0	9.2	45.8	42.8	37.7	34.7	36.6	33.6
25	22.0	25.0	10.4	44.3	41.3	35.8	32.8	33.9	30.9
31.25	21.1	23.6	11.7	42.9	39.9	33.9	30.9	31.2	28.2
62.5	18.1	21.5	16.9	38.4	35.4	27.8	24.8	21.5	18.5
100	16.0	20.1	21.9	35.3	32.3	23.8	20.8	13.4	10.4

Remee Products Inc.
P.O. Box 488 1751 Highway Rt.17A
Florida, New York 10921
t: 800.431.3864 e:info@remee.com