

# Structured Cable Products

## DESIGN SPECIFICATIONS

### PART# CAT3-25

DESCRIPTION: 24 AWG 25 PAIR CMR

SPECIFICATIONS: UL SUBJECT 444 COMMUNICATIONS CABLE  
UL LISTED TYPE CMR  
UL 1666 RISER FLAME TEST  
C(UL) LISTED TYPE CMG  
ICEA S-80-576  
NEC ARTICLE 800-51(g) & 800-53(b)  
CALIFORNIA STATE FIRE MARSHAL APPROVED  
MEETS CAT 3 ELECTRICAL REQUIREMENTS

CONDUCTORS: 24 AWG SOLID BARE COPPER PER ASTM B-3.

INSULATION: SR-PVC

WALL THICKNESS: .0065" NOMINAL

NOMINAL O.D.: .0335"

PAIR ASSEMBLY: CONDUCTORS ARE TWISTED TO VARYING LEFT HAND LAYS TO FORM PAIRS.

CABLE ASSEMBLY: 25 PAIRS ARE CABLED TO FORM A ROUND CORE.

JACKET: GRAY PVC

WALL THICKNESS: .015" NOMINAL

NOMINAL O.D.: .334"

### TYPICAL ELECTRICAL CHARACTERISTICS

MUTUAL CAPACTANCE: 18.0 PF/FT @ 1 MHz

ATTENUATION: 7.8 db/M' @ 1 MHz

IMPEDANCE: 100 OHMS @ 1 MHz

D.C. RESISTANCE: 27.0 OHMS/M'