

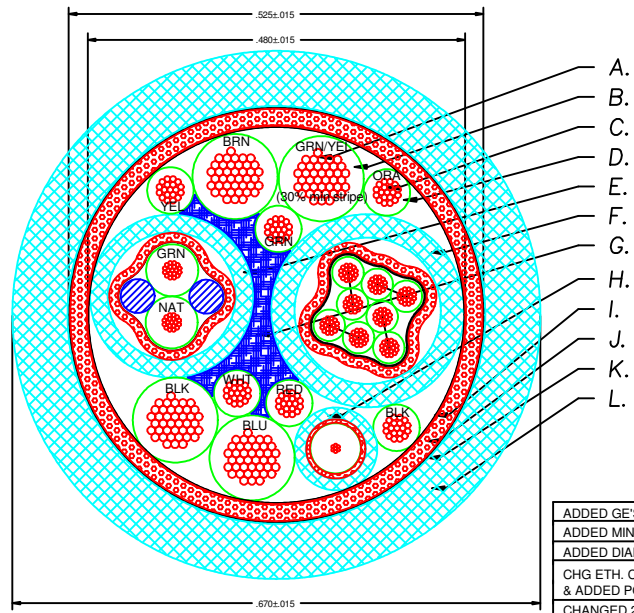


DESC: 14/4 20/8 24/2 30/1 AWM 2464 80C 300V FTI DWG NO: FMED1421C-001
 SCALE: 7x DATE: 09/15/11 DR. BY: G. MIELKE NWI P/N: FMED1421C-001
 CUSTOMER: GE HEALTHCARE CUSTOMER P/N: TBD

ITEM SPECS.

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MECHANICAL REQUIREMENTS:
 MINIMUM BEND RADIUS: 6"
 MINIMUM FLEX CYCLES: 400,000 CYCLES
 ELECTRICAL REQUIREMENTS:
 INDIVIDUAL CONDUCTORS DIALECTRIC WITHSTAND TEST: 3KV AC



CORE DIMENSIONS FOR INTERNAL USE ONLY

LEGEND: NO LEGEND ON JACKET

| REVISION RECORD | REV | REV DATE | APR 1 | APR 2 | QA R |
|---|-----|----------|-------|-------|------|
| ADDED GE'S COLOR SPEC | G | 03/18/15 | GM | | |
| ADDED MIN STRIPE REQUIREMENT | F | 08/08/12 | GM | | |
| ADDED DIALECTRIC VOLTAGE TEST | E | 05/29/12 | GM | | |
| CHG ETH. COND OD TO .044" FR .040" & ADDED POLY STRING TO ETH CABLE | D | 01/13/12 | GM | | |
| CHANGED 20 AWG BROWN TO WHITE | C | 11/9/11 | GM | | |
| CHANGED TO UL APPROVED DESIGN | B | 11/4/11 | GM | | |
| INITIAL DESIGN | A | 09/15/11 | GM | | |



| ITEM | SPECS. | ITEM | SPECS. | ITEM | SPECS. |
|------|--|------|---|------|--|
| A. | 14 AWG 41x30 TC BUNCHED OD: .077±.003 | F. | 24/8 (4 PAIR) ETHERNET CABLE | G. | POLY FILLER AS NEEDED FOR ROUNDNESS |
| B. | 15 MILS PVC INSULATION 13 MILS MIN. PVC INSULATION OD: .108±.002 SURFACE PRINTED "UL AWM 1007" | F1. | 24 AWG 19x.005" TC OD: .0236±.0004" | H. | 30/1 RG-187 TYPE COAX UL AWM STYLE 11003 |
| C. | 20 AWG 19x.0073" TC UNILAY OD: .0347±.0007" | F2. | 8 MILS POLYPROPYLENE INSULATION 6.5 MILS MIN POLYPROPYLENE INSULATION OD: .044±.001 AWM STYLE 10152 | H1. | 30 AWG 7x38 SILVER PLATED COPPER OD: .0121±.0003" |
| D. | 9 MILS SR-PVC INSULATION 7 MILS MIN. SR-PVC INSULATION OD: .059±.002" SURFACE PRINTED "UL AWM 1061" | F3. | POLYESTER STRING | H2. | 25 MILS FEP INSULATION 23 MILS MIN FEP INSULATION OD: .064±.002 |
| E. | 24/2 SHIELDED JACKETED DATA PAIR | F4. | SPUN NYLON TAPE WRAP | H3. | 40 AWG SILVER PLATED COPPER BRAID 90% MIN COVERAGE |
| E1. | 24 AWG 19x.005" TC OD: .0236±.0004" | F5. | ALUMINUM FOIL SHIELD (FOIL OUT) | H4. | 12 MILS NATURAL FEP JACKET 10 MILS MIN FEP JACKET |
| E2. | 20 MILS FOAMED POLYETHYLENE INSULATION 18 MILS MIN. FOAMED POLYETHYLENE INSULATION OD: .066±.002" AWM STYLE 10233 | F6. | 36 AWG TC BRAIDED SHIELD 85% COVERAGE | | |
| E3. | EXTRUDED POLYPROPYLENE FILLER RODS | F7. | 20 MILS DK. GREEN PVC JACKET 105C 300V 17 MILS MIN. DK. GREEN PVC JACKET | | <p>ELECTRICAL REQUIREMENTS:</p> <p>IMPEDANCE: 75 OHMS ± 10% CAPACITANCE: 19.5±2 pf</p> |
| E4. | ALUMINUM FOIL SHIELD (FOIL OUT) | | | I. | SPUN NYLON TAPE WRAP (25% MIN OVERLAP) |
| E5. | 36 AWG TC BRAIDED SHIELD 75% COVERAGE | | <p>LEGEND: BLACK INK PRINT RU AWM E54661 STYLE 2095 80C 300V</p> | J. | 34 AWG TC BRAIDED SHIELD (90% MIN COVERAGE) |
| E6. | 20 MILS TUBED WHITE PVC JACKET 18 MILS MIN. TUBED WHITE PVC JACKET | | <p>ELECTRICAL REQUIREMENTS:</p> <p>CHARACTER IMPEDANCE: 100 OHMS ± 10%</p> | K. | PTFE TAPE WRAP (20% MIN OVERLAP) |
| | | | <p>PAIR CONDUCTOR COLORS: PAIR 1 - GRN/WHT & WHT/GRN PAIR 2 - BRN/WHT & WHT/BRN PAIR 3 - BLU/WHT & WHT/BLU PAIR 4 - ORA/WHT & WHT/ORN</p> | L. | 60 MILS PVC JACKET 50 MILS MIN PVC JACKET |
| | <p>LEGEND: BLACK INK PRINT RU AWM E54661 STYLE 2095 80C 300V</p> <p>ELECTRICAL REQUIREMENTS:</p> <p>CHARACTER IMPEDANCE: 120 OHMS ± 10%</p> | | | | <p>JACKET COLOR: (CRITICAL COLOR MATCH) ELITE GRAY PER GE SPECIFICATION 00-888525-02 (GRAY PANTONE 657C)</p> <p>CABLE IS UL APPROVED ONLY CABLE IS RoHS COMPLIANT</p> |