

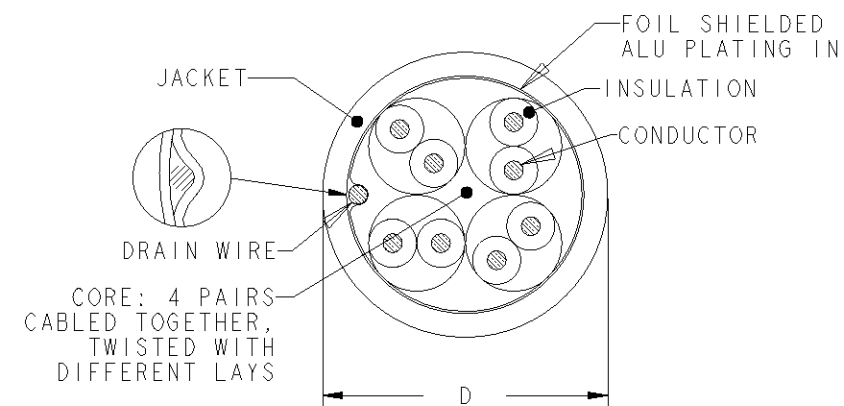
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| LOC | DIST | REVISIONS | | | |
|-----|------|-----------------|-----------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | E | EC ESE0-0025-04 | 24Feb04 | LD | JS |
| | F | EC ESE0-0146-04 | 24NOV2004 | LD | JS |
| | G | ECR-05-005512 | 27JUN2005 | MP | LD |

| FINISHED CABLE DATA | | |
|------------------------|------------------------------|---------------------------------|
| CONDUCTORS | WIRE AWG | 24 AWG Solid |
| | Ø RANGE in mm | 0,485<=Ø<0,546 |
| | MATERIAL | COPPER |
| | PLATING | BARE |
| INSULATION | ELONGATION | 15% PER EN 50288-1 |
| | MATERIAL | FOAMED POLYETHYLENE |
| | OVERALL DIAMETER MIN. | 0,89 |
| DRAIN WIRE | OVERALL DIAMETER MAX. | 1,12 |
| | Ø RANGE | 0,4 - 0,55 |
| BINDER | MATERIAL | COPPER |
| | PLATING | TINNED |
| | ELONGATION | 15% PER EN 50288-1 |
| INDIVIDUAL PAIR SCREEN | MATERIAL | OPTIONAL |
| OVERALL SHIELD | FOIL MATERIAL | PLASTIC LAMINATED ALUMINUM FOIL |
| | BRAID MATERIAL | - |
| OVERALL SHIELD | PLATING | - |
| | COVERAGE | - |
| | ELONGATION | - |
| JACKET | MATERIAL | LSZH |
| | STRIPABILITY OVER 50 mm MAX. | 80 N |
| | OVERALL DIAMETER (D) | 6,2 ±0,3 |
| MIN BENDING RADIUS | DURING INSTALLATION | 8 x D |
| | AFTER INSTALLATION | 4 x D |
| PULLING FORCE | MAX. | 100 N |

- 1. XXXXX - IS Tyco Electronics MANUFACTURING LOCATION.
- 2. YY/WW IS YEAR AND WEEK OF MANUFACTURE.
- 3. SEQUENTIAL METRE MARKING EVERY METRE. SEQUENTIAL METRE IS NOT RETURNED TO ZERO FOR EACH LENGTH. SEQUENTIAL METRE ACCURACY TO BE ± 1%
- 4. MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO ISO/IEC 11801 LATEST ISSUE.
- 5. INSULATION COLOURS SHALL BE BLUE, ORANGE, GREEN, BROWN AND WHITE IN ACCORDANCE WITH IEC 60304.
- 6. JACKET COLOUR SHALL BE IN ACCORDANCE WITH RAL COLOUR REGISTER No 840-HR.
- 7. PRINT COLOUR SHALL BE WHITE FOR BLACK OR BROWN JACKETS, BLACK FOR ALL OTHER JACKET COLOUR.
- 8. PRINT DURABILITY SHALL BE PER UL 444 SECTION 6.7
- 9. PACKAGING IN ACCORDANCE WITH TYCO ELECTRONICS SPECIFICATIONS.
- 10. GOVERNING SPECIFICATIONS - LATEST REVISIONS

| | |
|-------------------|--|
| Performance | ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50288-2-1 |
| Insulation colour | IEC 60304 |
| Fire rating | IEC 60332-1 |
| Jacket colour | RAL COLOUR REGISTER No. 840-HR |
| Print Durability | UL 444 SECTION 6.7 |
| Toxicity | IEC 60754-1 |
| Acid Gas | IEC 60754-2 |
| Smoke density | IEC 61034-2 |



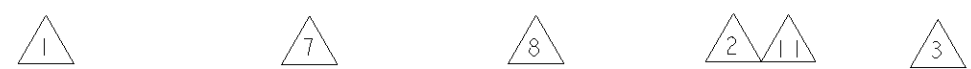
| | | | |
|-----------------|-----------------|-----------|-------------|
| BLACK RAL 9011 | 500 m | REEL | 2-219420-2 |
| BLACK RAL 9011 | 1000 m | REEL | 2-219420-1 |
| YELLOW RAL 1021 | 500 m | REEL | 2-219420-0 |
| YELLOW RAL 1021 | 1000 m | REEL | 1-219420-9 |
| ORANGE RAL 2008 | 500 m | REEL | 1-219420-8 |
| ORANGE RAL 2008 | 1000 m | REEL | 1-219420-7 |
| RED RAL 3000 | 500 m | REEL | 1-219420-6 |
| RED RAL 3000 | 1000 m | REEL | 1-219420-5 |
| VIOLET RAL 4005 | 500 m | REEL | 1-219420-4 |
| VIOLET RAL 4005 | 1000 m | REEL | 1-219420-3 |
| GREEN RAL 6018 | 500 m | REEL | 1-219420-2 |
| GREEN RAL 6018 | 1000 m | REEL | 1-219420-1 |
| BLUE RAL 5012 | 500 m | REEL | 1-219420-0 |
| BLUE RAL 5012 | 1000 m | REEL | 219420-9 |
| GREY RAL 7035 | 500 m | REEL | 219420-8 |
| WHITE RAL 9010 | 500 m | REEL | 219420-7 |
| GREY RAL 7035 | 1000 m | REEL | 219420-6 |
| GREY RAL 7035 | 305 m | PULL BOX | 219420-5 |
| GREY RAL 7035 | 305 m | REEL | 219420-4 |
| WHITE RAL 9010 | 1000 m | REEL | 219420-3 |
| WHITE RAL 9010 | 305 m | PULL BOX | 219420-2 |
| WHITE RAL 9010 | 305 m | REEL | 219420-1 |
| 6 COLOUR | LENGTH (METRES) | 9 PACKAGE | PART NUMBER |

11 Z IS MANUFACTURING BATCH #.

COLOUR CODE 5
 PAIR COLOUR CODE
 1 WHITE AND BLUE
 2 WHITE AND ORANGE
 3 WHITE AND GREEN
 4 WHITE AND BROWN

LEGEND TO BE REPEATED EVERY METRE

TYCO AMP NETCONNECT ISO-EN COMPLIANT XXXXX AWG24 PR04 CAT5E LSZH F/UTP Solid YY/WW Z (SEQUENTIAL No) METRE



| | | | |
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| THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION. | | DWN L. de Dios 24Feb04 CHK A. Puell 24Feb04 APVD J. Sanabra 24Feb04 | tyco Electronics Tyco Electronics AMP España, S.A. Barcelona, Spain. |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±- | PRODUCT SPEC - APPLICATION SPEC - WEIGHT - | NAME CABLE, CAT 5E, 4PR, F/UTP SOLID, LSZH, 24AWG |
| MATERIAL - | FINISH - | CUSTOMER DRAWING | SIZE A3 CAGE CODE 00779 DRAWING NO C-219420 RESTRICTED TO - SCALE NTS SHEET 1 OF 1 REV G |