

| TOLERANCES UNLESS OTHERWISE STATED |      |               |      |
|------------------------------------|------|---------------|------|
| 0 DEC. PLACE                       | ±0.5 | 2 DEC. PLACES | ±0.1 |
| 1 DEC. PLACE                       | ±0.2 | ANGULAR       | ±1°  |



**CABLE SPECIFICATION VALUES:**

1. CABLE TO CONFORM TO THE FOLLOWING STANDARDS:-  
IEC 60332-1  
IEC 60754-1/2  
IEC 1034
2. SHIELDING EFFICIENCY ACCORDING TO IEC 61196 TO BE <-85dB @ 30 - 1000MHZ

**SPECIFICATION NOTES:**

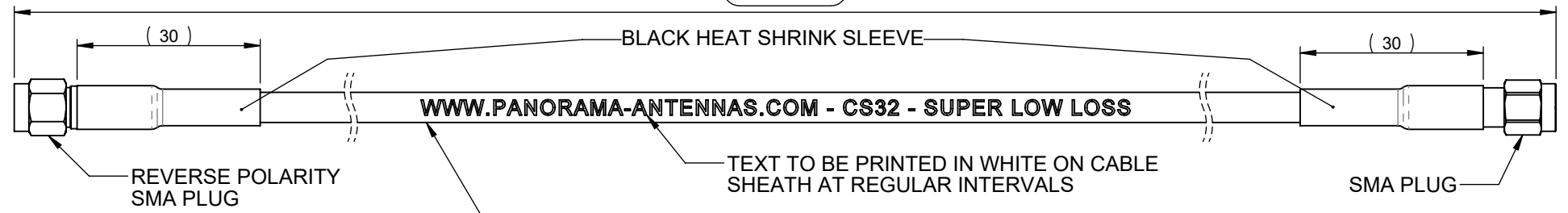
1. ELECTRICAL TEST - EACH CABLE.  
CENTRE CONDUCTOR/OUTER SCREEN ISOLATION 1KV MIN.  
CENTRE CONDUCTOR END TO END TEST.
2. TENSILE PULL TEST SAMPLE/ASSEMBLY PER 3000 BATCH.  
PULLING LOAD - CONNECTOR BODY - 5Kg.  
PULLING LOAD - CENTRE PIN - 2Kg.
3. CS32 CABLE PERFORMANCE TEST SAMPLE PER 10000 m BATCH.  
ATTENUATION:-  
NO GREATER THAN 4dB PER 10m @ 1GHz.  
NO GREATER THAN 6.5dB PER 10m @ 2.5GHz.  
NO GREATER THAN 10dB PER 10m @ 5.8GHz.  
VSWR:- UP TO 1GHz < 1.1:1  
1GHz TO 5.8GHz < 1.15:1
4. BRAID RESISTANCE TEST  
BRAID RESISTANCE PER 10m LESS THAN 160mΩ.



**GENERAL NOTES:-**

1. ALL MATERIALS SUPPLIED MUST BE RoHS2 (DIRECTIVE 2011/65/EU) COMPLIANT AND MUST NOT CONTAIN ANY SUBSTANCES OF VERY HIGH CONCERN (SVHCs) LISTED UNDER REACH OR POLY-AROMATIC HYDROCARBONS (PAHs), OR PERSISTENT ORGANIC POLLUTANTS (POPs) CONTROLLED BY THE STOCKHOLM CONVENTION.
2. PRINTING MUST BE DURABLE AND ENVIRONMENTALLY RESISTANT.
3. CONNECTORS MUST CONFORM TO STANDARD INTERFACE DIMENSIONS.
4. SAMPLES MUST BE APPROVED BY PANORAMA ANTENNAS Q.C. BEFORE COMMENCING PRODUCTION.
5. IN ORDER TO ASSURE COMPLIANCE WITH THE USA DODD-FRANK ACT (SECTION 1502) TIN, GOLD, TANTALUM AND TUNGSTEN CONTAINED IN PANORAMA PRODUCTS MUST BE FULLY TRACEABLE TO A SMELTER APPROVED BY THE CONFLICT-FREE SOURCING INITIATIVE (WWW.CONFLICTFREESMELTER.ORG).

3000 <sup>+100</sup>/<sub>0</sub>



LOW LOSS DOUBLE SHIELDED 50 OHM 5mm COAX CABLE, FIRE RETARDANT ZERO HALOGEN - GREY RAL7047 SR1-032-FRZH-G

|       |      |   |            |      |   |        |   |    |           |    |       |     |            |       |  |
|-------|------|---|------------|------|---|--------|---|----|-----------|----|-------|-----|------------|-------|--|
|       |      |   |            |      | PRODUCT/ASSEMBLY<br>CABLES AND CABLE ASSEMBLIES |        | DESCRIPTION<br>SMA PLUG -SMA REVERSE POLARITY PLUG. 3m CS32 CABLE ASSEMBLY. |    |           |    |       |     |            |       |  |
|       |      |   |            |      | MATERIAL<br>N/A                                 |        |   |    |           |    |       |     |            |       |  |
| 01019 | 1    | PRODUCTION ISSUE                          | 14/03/2013 | PE   | FINISH<br>N/A                                   |        | APPROVED  | KD | D.O.CHECK | MM | SCALE | 1:1 | DIMENSIONS | IN mm |  |
| 01019 | 2    | UPDATED NOTES, CLARIFIED MATERIAL COLOUR. | 26/04/2018 | AR   |   |        |   |    |           |    |       |     |            |       |  |
| PCN   | REV. | DESCRIPTION                               | DATE       | DRN. | WEIGHT  | 19.45g | SHEET 1 OF 1  |    |           |    |       |     |            |       |  |