

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

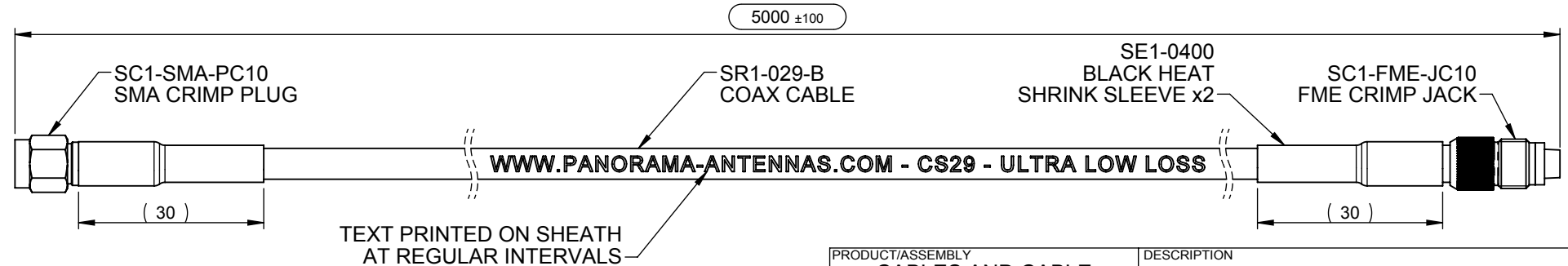
GENERAL NOTES:-

- A**
- CABLE SPECIFICATION VALUES:**
- CHARACTERISTIC IMPEDANCE:-**
50Ω ±2Ω @ 1GHz
50Ω ±4Ω @ 2GHz
 - ATTENUATION:-**
NO GREATER THAN 3dB PER 10m AT 1 GHz.
NO GREATER THAN 4.5dB PER 10m AT 2GHz.
 - BRAID RESISTANCE PER 10m LESS THAN 160mΩ.**
 - SHIELDING EFFECTIVENESS ACCORDING TO IEC61196 TO BE < -85dB AT 30-10000 MHz.**

- SPECIFICATION NOTES:**
- ELECTRICAL TEST - EACH CABLE. CENTRE CONDUCTOR/OUTER SCREEN ISOLATION 1KV MIN. CENTRE CONDUCTOR END TO END TEST.**
 - TENSILE PULL TEST SAMPLE/ASSEMBLY PER 3000 BATCH. PULLING LOAD - CONNECTOR BODY - 5Kg. PULLING LOAD - CENTRE PIN - 2Kg.**
 - CS29 CABLE PERFORMANCE TEST SAMPLE PER 10000 m BATCH. IMPEDANCE 50Ω ±2Ω @ 1GHz. & 50Ω ±4Ω @ 2GHz. LOSS NO GREATER THAN 0.3dB/m @ 1GHz. & 0.45dB/m @ 2.4GHz.**

- ALL PARTS MUST BE RoHS 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.
- CABLE SHEATH TO BE BLACK, UV STABILISED PACREL 6385N TPE.
- PRINTING MUST BE DURABLE AND ENVIRONMENTALLY RESISTANT.
- CONNECTORS MUST CONFORM TO STANDARD INTERFACE DIMENSIONS.
- SAMPLES MUST BE APPROVED BY PANORAMA ANTENNAS Q.C. BEFORE COMMENCING PRODUCTION.
- IN ORDER TO ASSURE COMPLIANCE WITH THE U.S. DODD-FRANK ACT (SECTION 1502) TIN, GOLD, TANTALUM & TUNGSTEN CONTAINED IN PANORAMA PRODUCTS MUST BE BULLY TRACEABLE TO A SMELTER APPROVED BY THE CONFLICT FREE SOURCING INITIATIVE (www.conflictreesmelter.org)

- B**
- C**



D

01019	4	PRODUCTION ISSUE.	24/09/2015	IC
PCN	REV.	DESCRIPTION OF CHANGE	DATE	DRAWN
REVISIONS				

PRODUCT/ASSEMBLY CABLES AND CABLE ASSEMBLIES		DESCRIPTION SMA(m) TO FME(f) 5m CS29 CABLE ASSEMBLY			
MATERIAL N/A		APPROVED KD	DO.CHECK AR	SCALE 1:1	DIMENSIONS IN mm
FINISH N/A		PANORAMA ANTENNAS			
WEIGHT 165g	SHEET 1 OF 1				