

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

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.**

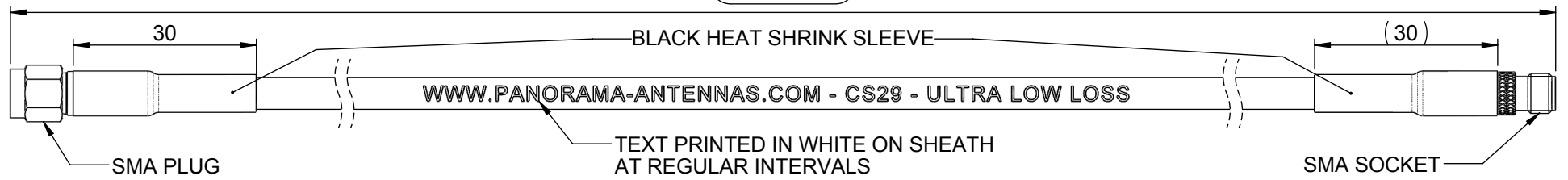
SPECIFICATION NOTES:

- 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.

GENERAL NOTES:-

- 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)

3000 ⁺¹⁰⁰/₀



PRODUCT/ASSEMBLY CABLES AND CABLE ASSEMBLIES		DESCRIPTION SMA(m)-SMA(f) 3m CS29 COAX CABLE ASSEMBLY			
MATERIAL N/A		APPROVED KD	DO.CHECK AR	SCALE 1:1	DIMENSIONS IN mm
FINISH N/A					
WEIGHT 112g	SHEET 1 OF 1				

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PCN	REV.	DESCRIPTION OF CHANGE	DATE	DRAWN
REVISIONS				