

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

CABLE SPECIFICATION VALUES:

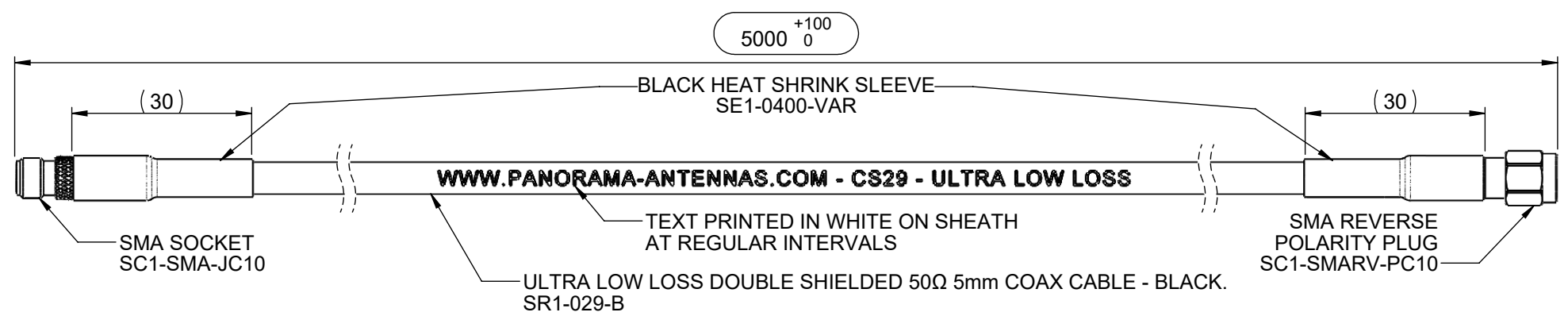
- CHARACTERISTIC IMPEDANCE:- 3
 $50\Omega \pm 2\Omega @ 1\text{GHz}$
 $50\Omega \pm 4\Omega @ 2\text{GHz}$
- ATTENUATION:-
 NO GREATER THAN 4dB PER 10m AT 1 GHz.
 NO GREATER THAN 5.5dB PER 10m AT 2GHz.
- BRAID RESISTANCE PER 10m LESS THAN 160mΩ.
- SHIELDING EFFECTIVENESS ACCORDING TO IEC61196 TO BE < -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 $50\Omega \pm 2\Omega @ 1\text{GHz}$. & $50\Omega \pm 4\Omega @ 2\text{GHz}$.
 LOSS NO GREATER THAN 0.4dB/m @ 1GHz. & 0.55dB/m @ 2GHz.

GENERAL NOTES:

- 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.
- 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 FULLY TRACEABLE TO A SMELTER APPROVED BY THE CONFLICT FREE SOURCING INITIATIVE (www.conflictreesmelter.org)



					PRODUCT/ASSEMBLY CABLES AND CABLE ASSEMBLIES		DESCRIPTION SMA SOCKET - SMARV PLUG 5m CS29 COAX CABLE ASSEMBLY							
					MATERIAL		N/A							
01019	2	REDRAWN IN 2D AND 3D. NOTES UPDATED.	04/12/2013	PE	FINISH		N/A							
01019	3	NOTES UPDATED	01/08/2017	PE										
PCN	REV.	DESCRIPTION	DATE	DRN.	WEIGHT 200gg	SHEET 1 OF 1								
							APPROVED	KD	D.O.CHECK	MM	SCALE	1:1	DIMENSIONS	IN mm
							PANORAMA ANTENNAS							