

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

PART No.	LENGTH 'L' mm	LENGTH TOL. mm	WEIGHT
C29NP-2SP	2000	+100 / -0	107g
C29NP-3SP	3000	+100 / -0	146g
C29NP-5SP	5000	+100 / -0	225g
C29NP-6SP	6000	+100 / -0	263g
C29NP-10SP	10000	+100 / -0	417g

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**CABLE SPECIFICATION VALUES:**

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

**GENERAL NOTES:-**

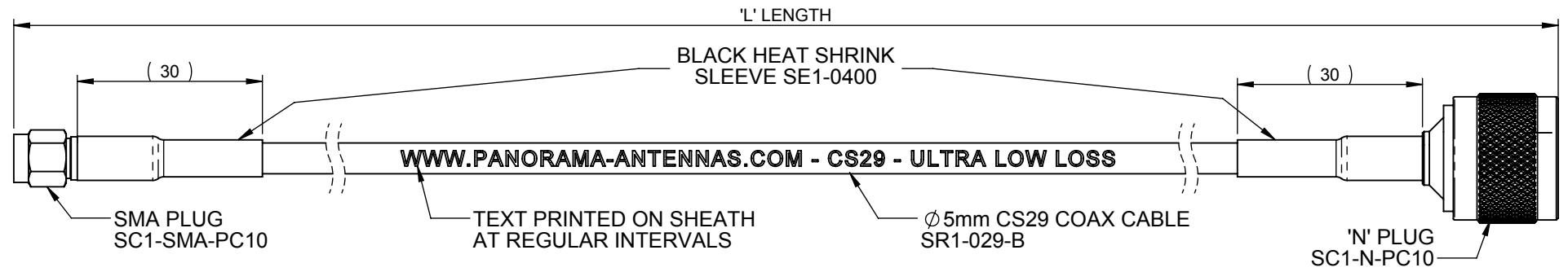
1. ALL PARTS MUST BE RoHS COMPLIANT AND MUST NOT CONTAIN ANY SUBSTANCES OF VERY HIGH CONCERN (SVHCs) LISTED UNDER REACH OR POLY-AROMATIC HYDROCARBONS (PAHs), OR PERSISTENT ORGANIC POLLUTANTS (POPs) CONTROLLED BY THE STOCKHOLM CONVENTION.
2. CABLE SHEATH TO BE BLACK, UV STABILISED PACREL 6385N TPE.
3. PRINTING MUST BE DURABLE AND ENVIRONMENTALLY RESISTANT.
4. CONNECTORS MUST CONFORM TO STANDARD INTERFACE DIMENSIONS.
5. SAMPLES MUST BE APPROVED BY PANORAMA ANTENNAS Q.C. BEFORE COMMENCING PRODUCTION.
6. 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](http://www.conflictreesmelter.org))

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**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. 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.

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01019	1	PRODUCTION ISSUE	02/06/2014	PE
PCN	REV.	DESCRIPTION OF CHANGE	DATE	DRAWN
REVISIONS				

PRODUCT/ASSEMBLY <b>CABLES AND CABLE ASSEMBLIES</b>		DESCRIPTION <b>N(m) - SMA(m) CS29 COAX CABLE ASSEMBLY - VARIOUS</b>		
MATERIAL <b>N/A</b>		APPROVED JJ	DO.CHECK ATB	SCALE 1:1
FINISH <b>N/A</b>		DIMENSIONS IN mm		
WEIGHT SEE TABLE	SHEET 1 OF 1			
<b>PANORAMA ANTENNAS</b>				