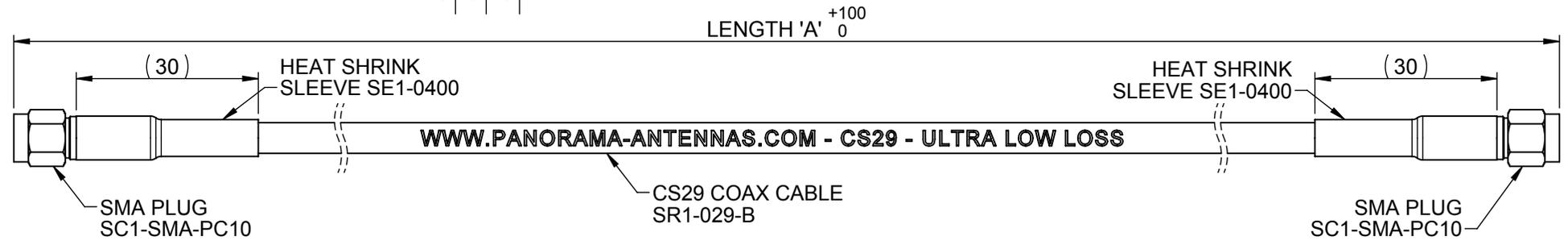
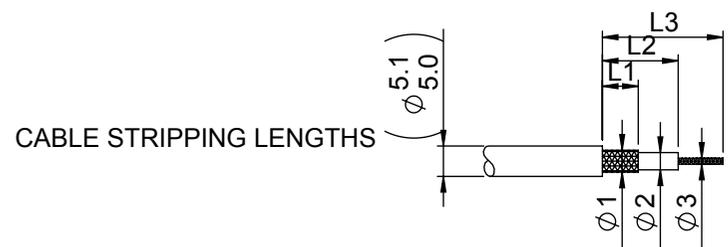


TOLERANCES UNLESS OTHERWISE STATED				CABLE STRIPPING LENGTHS - BOTH CONNECTORS				CABLE ASSEMBLY LENGTHS					
0 DEC. PLACE	±0.5	2 DEC. PLACES	±0.1	CONNECTOR PART No	L1	∅1	L2	∅2	L3	∅3	PART No	LENGTH 'A' mm	APPROX WEIGHT (g)
1 DEC. PLACE	±0.2	ANGULAR	±1°	SC1-SMA-PC10	5.5	3.6	7.1	2.84	10.6	0.98	C29SP-1SP	1000	48
											C29SP-2SP	2000	87
											C29SP-3SP	3000	126
											C29SP-4SP	4000	166
											C29SP-5SP	5000	205
											C29SP-10SP	10000	401



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

01019	2	NOTES UPDATED. CABLE TYPE UPDATED.	13/01/2015	PE
01019	1	PRODUCTION ISSUE	14/03/2014	ATB
PCN	REV.	DESCRIPTION OF CHANGE	DATE	DRAWN
REVISIONS				

PRODUCT/ASSEMBLY		DESCRIPTION			
CABLES AND CABLE ASSEMBLIES		SMA(m) TO SMA(m) CS29 CABLE ASSEMBLY			
MATERIAL		APPROVED KD			
N/A		DO.CHECK KD		SCALE 1:1	
FINISH		DIMENSIONS IN mm			
N/A					
WEIGHT SEE TABLE		SHEET 1 OF 1			

