

TOLERANCES UNLESS OTHERWISE STATED				PART No	'L' - mm	TOL - mm	WEIGHT (g)	CABLE	TERMINATION	LENGTHS - DIAMETERS					
0 DEC. PLACE ±0.5		2 DEC. PLACES ±0.1								STEP 1		STEP 2		STEP 3	
1 DEC. PLACE ±0.2	ANGULAR ±1°	L1	∅1							L2	∅2	L3	∅3		
URM76	FME	8	3.6	12	2.84	16	0.98								

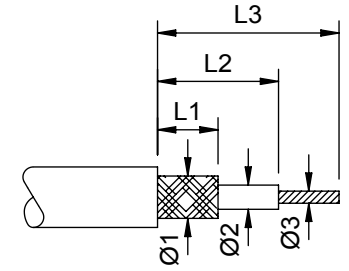
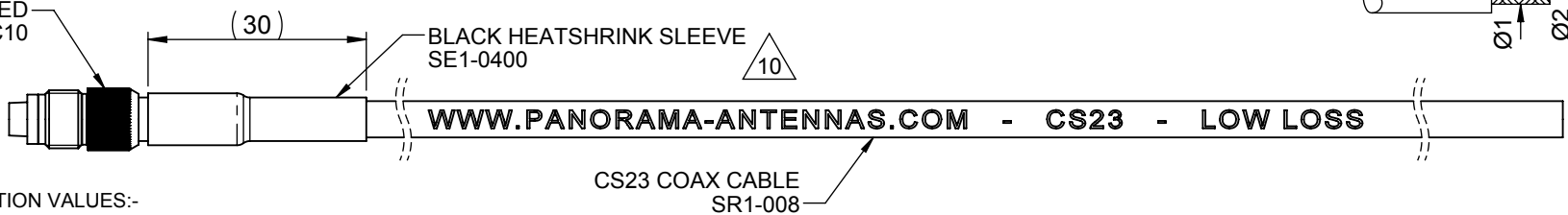
A

B

C

D

FME CONNECTOR
NICKEL PLATED
SC1-FME-JC10



CABLE SPECIFICATION VALUES:-

- CHARACTERISTIC IMPEDANCE:-
50Ω ±2Ω @ 1GHz
50Ω ±4Ω @ 2GHz
- ATTENUATION:-
NO GREATER THAN 0.5 dB/m AT 1 GHz.
NO GREATER THAN 0.75 dB/m AT 2 GHz.
- MAX. PEAK VOLTAGE:- 1.5kV DC.
- BRAID RESISTANCE PER 10m LESS THAN 160mΩ.
- SHIELDING EFFECTIVENESS ACCORDING TO IEC61196 TO BE < -55dB 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.
- CS23 CABLE PERFORMANCE TEST SAMPLE PER 10000 m BATCH.
IMPEDANCE 50Ω ±2Ω @ 1GHz. & 50Ω ±4Ω @ 2GHz.
LOSS NO GREATER THAN 0.5dB/m @ 1GHz. & 0.75dB/m @ 2GHz.

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).

PCN	REV.	DESCRIPTION OF CHANGE	DATE	DRAWN
01019	10	SHROUD REMOVED. HEATSHRINK ADDED.	13/01/2015	PE
01019	9	CONNECTOR UPDATED. NOTES UPDATED.	29/04/2014	ATB
REVISIONS				

PRODUCT/ASSEMBLY		DESCRIPTION			
CABLES AND CABLE ASSEMBLIES		FME(f) ONE END CS23 CABLE ASSEMBLY			
MATERIAL		APPROVED KD		DO.CHECK KD	
FINISH		SCALE 1:1		DIMENSIONS IN mm	
WEIGHT SEE TABLE		SHEET 1 OF 1			

PANORAMA ANTENNAS