

TOLERANCES UNLESS OTHERWISE STATED

0 DEC. PLACE ±0.5	2 DEC. PLACES ±0.1
1 DEC. PLACE ±0.2	ANGULAR ±1°

PART No	'L' - mm	TOL - mm	WEIGHT (g)
C23F-1B	1 000	+100 / -0	48
C23F-3B	3 000	+100 / -0	120
C23F-4B	4 000	+100 / -0	156
C23F-5B	5 000	+100 / -0	192
C23F-6B	6 000	+100 / -0	228
C23F-7B	7 000	+100 / -0	264
C23F-8B	8 000	+100 / -0	300
C23F-10B	10 000	+100 / -0	372
C23F-15B	15 000	+100 / -0	552
C23F-20B	20 000	+100 / -0	732

CABLE	TERMINATION	STRIPPING LENGTHS - DIAMETERS					
		STEP 1		STEP 2		STEP 3	
		L1	Ø1	L2	Ø2	L3	Ø3
URM76	FME (f)	8	3.6	12	2.84	16	0.98
URM76	BNC(m)	8	3.6	12	2.84	16	0.98

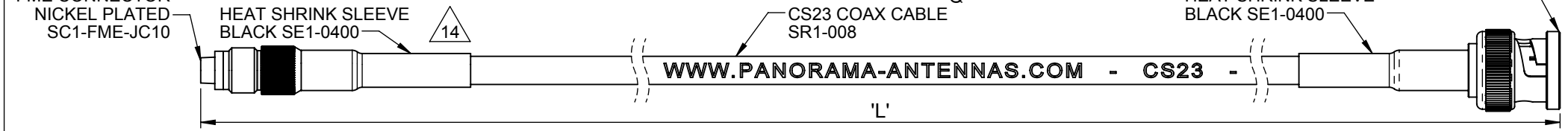
FME CONNECTOR NICKEL PLATED SC1-FME-JC10

HEAT SHRINK SLEEVE BLACK SE1-0400

CS23 COAX CABLE SR1-008

HEAT SHRINK SLEEVE BLACK SE1-0400

BNC PLUG SC1-BNC-PC10



WWW.PANORAMA-ANTENNAS.COM - CS23 -

'L'

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)

01019	14	UPDATE TO 3D. WEIGHT ADDED AND REMOVED SHROUD	09/06/2015	AR
PCN	REV.	DESCRIPTION OF CHANGE	DATE	DRAWN
REVISIONS				

PRODUCT/ASSEMBLY CABLES AND CABLE ASSEMBLIES		DESCRIPTION FME(f) - BNC(m) CS23 CABLE ASSEMBLY			
MATERIAL N/A		APPROVED KD	DO.CHECK PE	SCALE 1:1	DIMENSIONS IN mm
FINISH N/A		PANORAMA ANTENNAS			
WEIGHT	SEE TABLE	SHEET 1 OF 1			