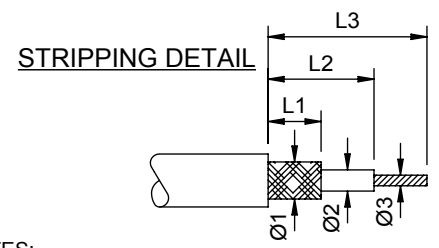


TOLERANCES UNLESS OTHERWISE STATED

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



CABLE	TERMINATION	LENGTHS-DIAMETERS					
		STEP 1		STEP 2		STEP 3	
		L1	Ø1	L2	Ø2	L3	Ø3
URM76	FME	8	3.6	12	2.84	16	0.98

2
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.

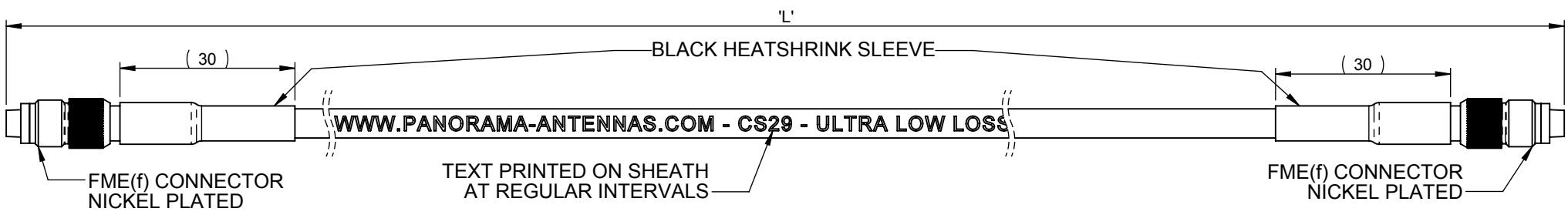
SPECIFICATION NOTES:

- 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.

2
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.
- 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 BULLY TRACEABLE TO A SMELTER APPROVED BY THE CONFLICT FREE SOURCING INITIATIVE (www.conflictfreesmelter.org)

PART No.	'L'-mm	TOL.-mm	WEIGHT-g
C29F-1F	1000	+100 -0	45
C29F-2F	2000	+100 -0	84
C29F-3F	3000	+100 -0	123
C29F-4F	4000	+100 -0	162
C29F-5F	5000	+100 -0	201
C29F-6F	6000	+100 -0	241
C29F-7F	7000	+100 -0	280
C29F-8F	8000	+100 -0	319
C29F-9F	9000	+100 -0	358
C29F-10F	10000	+100 -0	397
C29F-15F	15000	+100 -0	592
C29F-20F	20000	+100 -0	787



PRODUCT/ASSEMBLY CABLES AND CABLE ASSEMBLIES		DESCRIPTION FME(f) - FME(f) CS29 CABLE ASSEMBLY - VARIOUS LENGTHS			
MATERIAL N/A		APPROVED KD	DO.CHECK PE	SCALE 1:1	DIMENSIONS IN mm
FINISH N/A					
WEIGHT	SEE TABLE				

PCN	REV.	DESCRIPTION OF CHANGE	DATE	DRAWN
01019	2	CAD DATA UPDATED. NOTES UPDATED	29/07/2014	ATB
01019	1	PRODUCTION ISSUE	01/07/2013	PE
REVISIONS				