PROJECTION	DO NOT SCALE	△ — DENOTES LATEST ISSUE CHANGES	© 2015 A4	THIS DOCUMENT MUST NOT BE COPIED OR DISCLOSED TO A THIRD PARTY WITHOUT THE WRITTEN CONSENT OF PANORAMA ANTENNAS LTD.	DRG. No. C29F–VARB

PART No.	'L'– mm	TOL.– mm
C29F–3B	3000	+100 –0
C29F–5B	5000	+100 –0
△2 C29F–6B	6000	+100 –0
C29F–10B	10000	+100 –0

△2 GENERAL NOTES: –

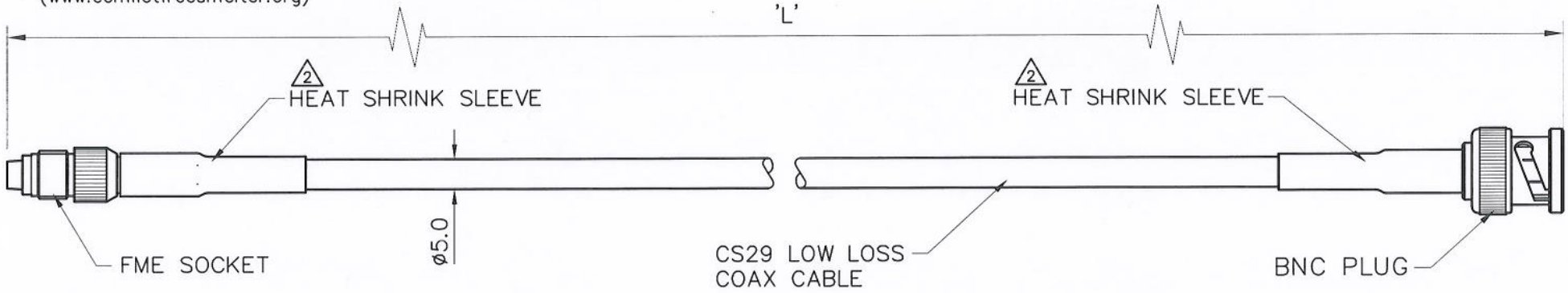
1. ALL PARTS MUST BE RoHS COMPLIANT AND MUST NOT CONTAIN ANY SUBSTANCES OF VERY HIGH CONCERN (SVHCs) LISTED UNDER REACH OR POLY–AROMATIC HYDROCARBONS (PAHs), OR PERSISTENT ORGANIC POLLUTANTS (POPs) CONTROLLED BY THE STOCKHOLM CONVENTION.
2. CABLE SHEATH TO BE BLACK, UV STABILISED PACREL 6385N TPE.
3. 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 FULLY TRACEABLE TO A SMELTER APPROVED BY THE CONFLICT FREE SOURCING INITIATIVE (www.conflictfreesmelter.org)

△2 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.

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.



△2 DELETED
CONNECTOR SHROUD
BLACK
CHANGE DRAWING FRAME
FROM A4L TO A4H (HORIZONTAL)

△2

C/NOTE	ISSUE	DATE	APPROVAL
00565	1	13.7.05	K.D.
01019	2	14.07.15	KD

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

MATERIAL

FINISH

TITLE
FME(f) – BNC(m) CS29 COAX CABLE ASSEMBLY – VARIOUS

DRAWN	DO.CHECK	SCALE	DIMENSIONS IN mm
A.G.	KD	1:1	

PANORAMA ANTENNAS

THIS IS A PROPRIETARY ITEM OF PANORAMA ANTENNAS LTD. AND COULD BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. THIS ITEM IS RoHS COMPLIANT.