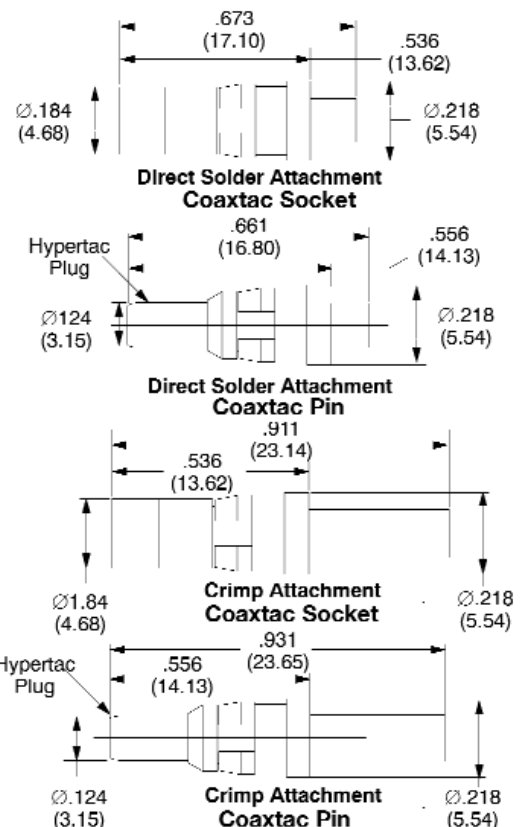


Coaxial Contacts

- 1.20:1 VSWR max. to 3GHz
- 1.50:1 VSWR max. to 18GHz
- > 25,000 mating cycles
- 3 ounce average extraction force
- 50 Ohm impedance
- Mounts in DIN 41612 insulator cavities
- Available in D, L, N Series
- Hypertac® inner/outer contacts

Technical Characteristics

Nominal Impedance	50 ohms		
Frequency Range	DC-3 GHz with RG 316 DC-18 GHz with RG 405		
Temperature Rating	-55°C to 125°C		
Materials	Brass Beryllium Copper PTFE Fluorocarbon		
Finishes			
Center Contacts and Housings	Gold over nickel over copper		
Wire	Gold over nickel		
Electrical (Based on RG-405 Semi Rigid Cable)			
Voltage Standing Wave Ratio	(DC to 3GHz) 1.20:1 max. (3GHz to 18GHz) 1.50:1 max.		
RF Transmission Loss	0.50 dB max. @ 18 GHz		
Insulation Resistance	5,000 megohms min.		
Dielectric Withstanding Voltage	500 VRMS		
Contact Resistance			
Inner Contact	8 milliohms max.		
Outer Contact	2 milliohms max.		
Mechanical			
Extraction force	1.5 - 6.0 oz max., 3 oz. average		
Connector Durability	Greater than 25,000 cycles		
DIRECT SOLDER ATTACHMENT			
Part Number	Description	Cable Type	Max Frequency
YCX0315-001AH	Coaxtac™ Socket	RG405, T-Flex 405	18 GHz
YCX0315-003H	Coaxtac™ Pin	RG405, T-Flex 405	18 GHz
CRIMP ATTACHMENT			
Part Number	Description	Cable Type	Max Frequency
YCX0315-002AH	Coaxtac™ Socket	RG316	3 GHz
YCX0315-004H	Coaxtac™ Pin	RG316	3 GHz
YCX0315-018H	Coaxtac™ Pin	RG316DB	6 GHz
YCX0315-019AH	Coaxtac™ Socket	RG316DB	6 GHz



1) Contact shown with outer sleeve in place.
 2) Dimensions in inches (mm).
 3) Contacts shipped unassembled.



CERTIFICATE OF REGISTRATION

Quality Management System

This is to certify that:

Hypertac Limited
36-38 Waterloo Road
Cricklewood
London
NW2 7UH
United Kingdom

Hold Certificate No: **FM 10699**

and operate a Quality Management System which complies with the requirements of BS EN ISO 9001:2000 for the following scope:

The design and manufacture of contacts, connectors and connector assemblies.

For and on behalf of BSI:

Certification Manager, Systems Assessment

Originally registered: **7 Sep 1990**

Latest issue: **26 Aug 2003**

Page: 1 of 1



003



This certificate remains the property of BSI and shall be returned immediately upon request. This certificate does not expire. To check its validity telephone: +44 (0)20 8996 9001 or visit www.bsi-global.com/BusinessPartners. Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2000 requirements may be obtained by consulting the organization.

*The British Standards Institution is incorporated by Royal Charter.
Group Headquarters: 389 Chiswick High Road, London W4 4AL, UK.*

BSI
Management
Systems

MSC4401



www.imq.it

CERTIFICATO N. 9101.HYP1
CERTIFICATE N.

SI CERTIFICA CHE IL SISTEMA QUALITA' DI
WE HEREBY CERTIFY THAT THE QUALITY SYSTEM OPERATED BY

HYPERTAC SPA

VIA P.D. DA BISSONE 7A - 16153 GENOVA (GE)

UNITA' OPERATIVE
OPERATIVE UNITS

VIA P.D. DA BISSONE 7A - 16153 GENOVA (GE)

VIA PILLEA 18 - 16153 GENOVA (GE)

E' CONFORME ALLA NORMA
IS IN COMPLIANCE WITH THE STANDARD

ISO 9001:2000

PER LE SEGUENTI ATTIVITA'
FOR THE FOLLOWING ACTIVITIES

Progettazione e produzione connettori elettrici
Design and production of electric connectors

Riferirsi al manuale della qualità per l'applicabilità dei requisiti della norma ISO 9001:2000
Refer to quality manual for details of applications to ISO 9001:2000 requirements

IL PRESENTE CERTIFICATO E' SOGGETTO AL RISPETTO DEL REGOLAMENTO
PER LA CERTIFICAZIONE DEI SISTEMI QUALITA' E DI GESTIONE DELLE AZIENDE
THE USE AND THE VALIDITY OF THE CERTIFICATE SHALL SATISFY THE REQUIREMENTS
OF THE RULES FOR THE CERTIFICATION OF COMPANY QUALITY AND MANAGEMENT SYSTEMS

PRIMA EMISSIONE
FIRST ISSUE

2004-03-05

EMISSIONE CORRENTE
CURRENT ISSUE

IMQ S.p.A. - VIA QUINTILIANO, 43 - 20138 MILANO

CISQ is a member of



THE WORLD'S LARGEST ASSOCIATION OF QUALITY CERTIFICATION BODIES
www.ignet-certification.com

IONet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world. IONet is composed of more than 20 bodies and counts over 150 subsidiaries all over the globe.

SINCERT EA: 19

Member of the Council of Mutual Recognition (CMR) of IAF
Operator of ISO and IAF Mutual Recognition Agreements

La validità del presente certificato è subordinata a sorveglianza annuale e al riesame completo del Sistema di Qualità con periodicità triennale secondo le procedure dell'IMQ
The validity of the certificate is subjected to annual audits and a reassessment of the entire Quality System within three years according to IMQ rules

CISQ è la Federazione Italiana di Organismi di Certificazione dei sistemi di gestione aziendale

CISQ is the Italian Federation of management system Certification Bodies



www.cisq.com

VDE Prüf- und Zertifizierungsinstitut

VDE VERBAND DER ELEKTROTECHNIK
ELEKTRONIK INFORMATIONSTECHNIK e.V.

CERTIFICATE

Registration-Number: 12077/QM/08.96

This is to certify that the company



Hypertac GmbH
D-94469 Deggendorf

has implemented and maintains a
Quality-Management System for

**Design, production and sale of electrical connectors
and cable assemblies**

This QM-System complies with the requirements of:

DIN EN ISO 9001:2000

This Certificate is valid until 23.03.2008

VDE Testing and Certification Institute
Certification

D-63069 Offenbach/Main, Merianstraße 28
Date: 24.03.2005

The VDE Testing and Certification Institute is accredited by DAR Accreditation Bodies
according to DIN EN 45012 and notified in the EU under ID. No. 0366.





CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

**HYPERTAC
ST AUBIN LES ELBEUF, France**

*has been approved by Lloyd's Register Quality Assurance France SAS
to the following Quality Management System Standards:*

ISO 9001:2000

The Quality Management System is applicable to:

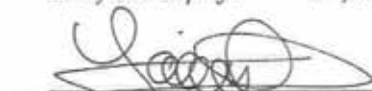
***Design and manufacture of electrical connectors and
associated components.***

Approval
Certificate No: FQA 0950296

Original Approval: 16 January 1997

Current Certificate: 5 April 2004

Certificate Expiry: 31 January 2006


On behalf of LRQA France SAS



This document is subject to the provision on the reverse

This approval is carried out in accordance with the LRQA assessment and certification procedures and monitored by LRQA.
The use of the UKAS Accreditation Mark indicates Accreditation in respect of those activities covered by the Accreditation Certificate Number 001.
March 2004/05 11

