



**I FICHA TÉCNICA**

**Cable Coaxial  
RITEC**

Referencia: 6i

El cable coaxial RITEC referencia 6i permite la distribución de señales de radiofrecuencia de forma óptima y eficiente. Su calidad de fabricación con cubierta LSZH (Low Smoke Zero Halogen) lo hace el cable ideal para instalaciones interiores y exteriores dado su alto grado de resistencia a la flama, resistencia mecánica y nulos niveles de acidez y toxicidad.

**PRESENTACIÓN**

Imagen

Detalle

	<ul style="list-style-type: none"> <li>➤ Conductor interior (CCS)</li> <li>➤ Dieléctrico (PE)</li> <li>➤ Lámina (Al)</li> <li>➤ Malla (Al)</li> <li>➤ Cubierta Exterior (LSZH)</li> </ul>
	<p>Preentación de carrete 200m y carrete por 305 mts</p>

ESPECIFICACIONES TÉCNICAS

Item	Referencia	Parámetro	Unidad
Número de parte		RI0107 / RI0110	200 / 305 m
Referencia		RITEC 6i	
Longitud de carrete		200 / 305	m
Material de soporte		Madera	
Dimensiones de carrete	5-470 MHz	28x28x20/35x28x20	cm
Peso	470-700 MHz	7 / 10	kg

Construcción

Material

Conductor interior	CCS (Acero cobreado)	1,02 ± 0,01	mm
Dieléctrico	PE (Polietileno expandido)	4,57 ± 0,05	mm
Blindaje	Malla de aluminio		
Cubierta externa	LSZH	6,9	mm
	Color	Blanco	
Radio de curvatura mínimo		40	mm

Datos Eléctricos

Atenuación	5 MHz	0,01	dB/m
	50 MHz	0,05	dB/m
	200 MHz	0,09	dB/m
	300 MHz	0,11	dB/m
	450 MHz	0,13	dB/m
	700 MHz	0,17	dB/m
	1000 MHz	0,21	dB/m
	1350 MHz	0,23	dB/m
	1500 MHz	0,25	dB/m
Eficacia apantallamiento	5-2300 MHz	65%	
Impedancia		75 ± 3	Ω

## DECLARACIÓN DE CONFORMIDAD DE PRODUCTO N°071020221-2

El presente documento constituye la declaración de conformidad y cumplimiento de especificaciones bajo los requerimientos de la norma ISO 17050, de un producto fabricado y/o comercializado por Tecnesya SAS para aplicaciones del Reglamento Interno de Telecomunicaciones - RITEL en Colombia, bajo las siguientes características:

**Producto:** Cable Coaxial RG6.

**Referencia:** RITEC 6i y 6e.

**Marca:** RITEC.

**Resolución aplicable:** 5405 de 2018, 5993 de 2020 y 6771 de 2022 de la CRC.

**Características:** Resistencia a la llama, bajos niveles de acidez y toxicidad.

**Normas de referencia:**

IEC60332-1-3:2004+AMD1:2015  
IEC60332-3-22:2004+AMD1:2015  
IEC61034-2:2005+ AMD1:2013+AMD2:2019  
IEC60754-1:2011+AMD1:2019  
IEC60754-2:2011+AMD1:2019

El presente documento se expide a los 10 días del mes de enero de 2023.

Cordialmente,



Diego R. Sierra O.  
Director de Calidad - RITEC



中国认可  
国际互认  
检测  
TESTING  
CNAS L049

# TEST REPORT

No.: JY220145

Name of the Product: COAXIAL CABLE RG6 RITEC 6 I

Type of the Product: RITEC BY TECNESYA CABLE COAXIAL  
RG6 6i WWW.TECNESYA.COM

Committing Company: Tecnesya SAS

Classification of the test: Cable accereditation test report

Shanghai Transmission Lines Research Institute(The 23rd Research Institute of CETC)

Information Transmission Lines Quality Inspect Test Center of Information Industry



Report Date: June 24,2022

Add: 230 Tieshan Road, Shanghai, China  
Website: www.itl-lab.com

Tel: 021-33792735

E-mail: itltest@vip.126.com

Fax: 021-33792736

Zip Code: 201900

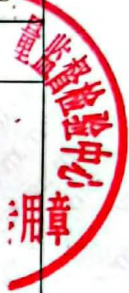
# TEST REPORT

No.: JY220145

No.	Test Item	Unit	Requirement	Test Results	Conclusion	
1	Single cable vertical flame propagation (Time for flame application :60s±2s)	The distance from the lower edge of the top support to the upper onset of charring	mm	$\geq 50$	367	pass
		The distance from the lower edge of the top support to the lower onset of charring	mm	$\leq 540$	511	
2	smoke density	the minimum light transmittance	%	$\geq 60$	93.5	pass
3	The amount of halogen acid gas(jacket)		mg/g	$\leq 5$	5	pass
4	pH(jacket)		---	$\geq 4.3$	6.3	pass
5	Conductivity(jacket)		$\mu S/mm$	$\leq 10$	0.4	pass

Remark



FINISH





# TEST REPORT

No.: JY220145

Name of Sample	COAXIAL CABLE RG6 RITEC 6 I	Type of the Sample	RITEC BY TECNESYA CABLE COAXIAL RG6 6i WWW. TECNESYA.COM
Committing Company	Tecnesya SAS	Committing Company adds.	Avenida Carrera 50#1B-25 Bogota- Colombia
Date of Gained	March 29,2022	Mark of the Sample	RITEC BY TECNESYA CABLE COAXIAL RG6 6i WWW. TECNESYA.COM XXXM
Method of Sampling	Sample	Quantity of the Sample	one
Sample photograph			
Temperature of the Environment	26 °C	Relative Humidity	41 % ~ 42 %
Date of the Test	2022.05.04 ~ 2022.05.05		
Test Standard	1.IEC 60332-1-2:2004+AMD1:2015 Test on electric and optical fibre cables under fire conditions Part 1-2:Test for vertical flame propagation for a single insulated wire or cable- Procedure for 1kW pre-mixed flame 2.IEC 61034-2:2005+AMD1:2013+AMD2:2019 Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements 3.IEC 60754-1:2011+AMD1:2019 Test on gases evolved during combustion of materials from cables - Part 1: Determination of the halogen acid gas content 4.IEC 60754-2:2011+AMD1:2019 Test on gases evolved during combustion of materials from cables - Part 2: Determination of acidity (by pH measurement) and conductivity		
Judging by	1.IEC 60332-1-2:2004+AMD1:2015 Test on electric and optical fibre cables under fire conditions Part 1-2:Test for vertical flame propagation for a single insulated wire or cable- Procedure for 1kW pre-mixed flame 2.IEC 61034-2:2005+AMD1:2013+AMD2:2019 Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements 3.IEC 60754-1:2011+AMD1:2019 Test on gases evolved during combustion of materials from cables - Part 1: Determination of the halogen acid gas content 4.IEC 60754-2:2011+AMD1:2019 Test on gases evolved during combustion of materials from cables - Part 2: Determination of acidity (by pH measurement) and conductivity		
Result	The test sample, as supplied by the client, was tested in accordance with the standard referred to IEC 60332-1-2:2004+AMD1:2015, IEC 61034-2:2005+AMD1:2013+AMD2:2019, IEC 60754-1:2011+AMD1:2019 and IEC 60754-2:2011+AMD1:2019, and did comply with the indicated applicable requirement.		
Remark	"——": not involving or providing relative information.		
Unit of the Test	Shanghai Transmission Lines Research Institute(The 23rd Research Institute of CETC) Information Transmission Lines Quality Inspect Test Center of Information Industry		
Edit Engineer	郭鑫龙	Project Engineer	周姬曼
		Technique Supervisor	

### Attentions

- 1.The test report is only responsible for the test sample.
- 2.Report (including the copy) is ineffective if no special report stamp and Unit stamp on it.
- 3.Report is ineffective if no Edit, Project and Technique person on it.
- 4.Report is ineffective if it was altered.
- 5.Report is not allowed to be copied without the approval (except for full-text copy).  
The customer must copy the report in its entirety and bear all the responsibilities.
- 6.Sample's name, model specifications and the commissioning details were provided by the commission, it has nothing to do with the lab.
- 7.If you got any opinion with this report, you could apply for further explanation from our lab.
- 8.Our lab keeps the test samples only for three months.

**Address:** No 230, Tie Shan Rd, Shanghai

**Post code:** 201900

**Tel:** 021-33792735

**Fax:** 021-33792736

**Web:** [www.itl-lab.com](http://www.itl-lab.com)

**Email:** [itltest@vip.126.com](mailto:itltest@vip.126.com)