

# All solution at one location

## AAVRITII INTERCONNECT PVT. LTD.



Internal  
Document

ISO 9001  
Quality



ISO 14001  
Environment



compliant  
**RoHS**

**äavritii**

# AAVRITII INTERCONNECT

**(An ISO 9001:2015 & ISO 14001:2015 Certified Company)**

PLOT NO. 26/22, KHERA KALAN ROAD,  
NANGLI POONA, **DELHI – 110082**  
**MOBILE : +91 9599001639**

***Vision :*** “The best preparation for tomorrow ,is doing your best today”

***Quality Policy :***

- We are committed to manufacture and supply of quality products that surpass the need and expectation of our customers.*
- We will strive for continual improvement in Quality Management System to achieve customer satisfaction with the participation of all our people.*



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# 1. Company Profile

**Aavritii Interconnect Pvt. Ltd.** : An ISO 9001:2015 Company is dedicated to the service of our valued customers actively engaged in design, development, manufacturing and supply of cable assemblies and related accessories conforming to most demanding global standards. These cable assemblies are designed after detailed engineering to meet the specific requirement of customers & high service performance.

The plant is well equipped with advanced manufacturing & testing facilities which anytime, anywhere, anyone can easily use. We here at Aavritii Interconnect, through our constant efforts, manufacture products with in-house test facilities as per various National/International standards. Our High quality system is attributed mainly to our sincere efforts, periodic system evaluations and continuous support from our valued customers and vendors.

We have a team of well-qualified professionals and experienced technicians to take care of customer and quality of materials. We believe in building long lasting business relationship based on supply of High Quality products and prompt and efficient services. We look forward to working with you towards a mutually beneficial business association.



## 2. Company Information

Company Name

: **Aavritii Interconnect Pvt. Ltd.**

Location

: Plot No.26/22, Khera Kalan Road, Nangli Poona,  
Delhi 110082, India.

Contact

: Tel : +91 9599001639 / +91 9910594634  
Email : [info@aavritii.com](mailto:info@aavritii.com)

Main Business

: Optical/Power/RF Cable Assembly, Telecom Installation  
Materials and Services.

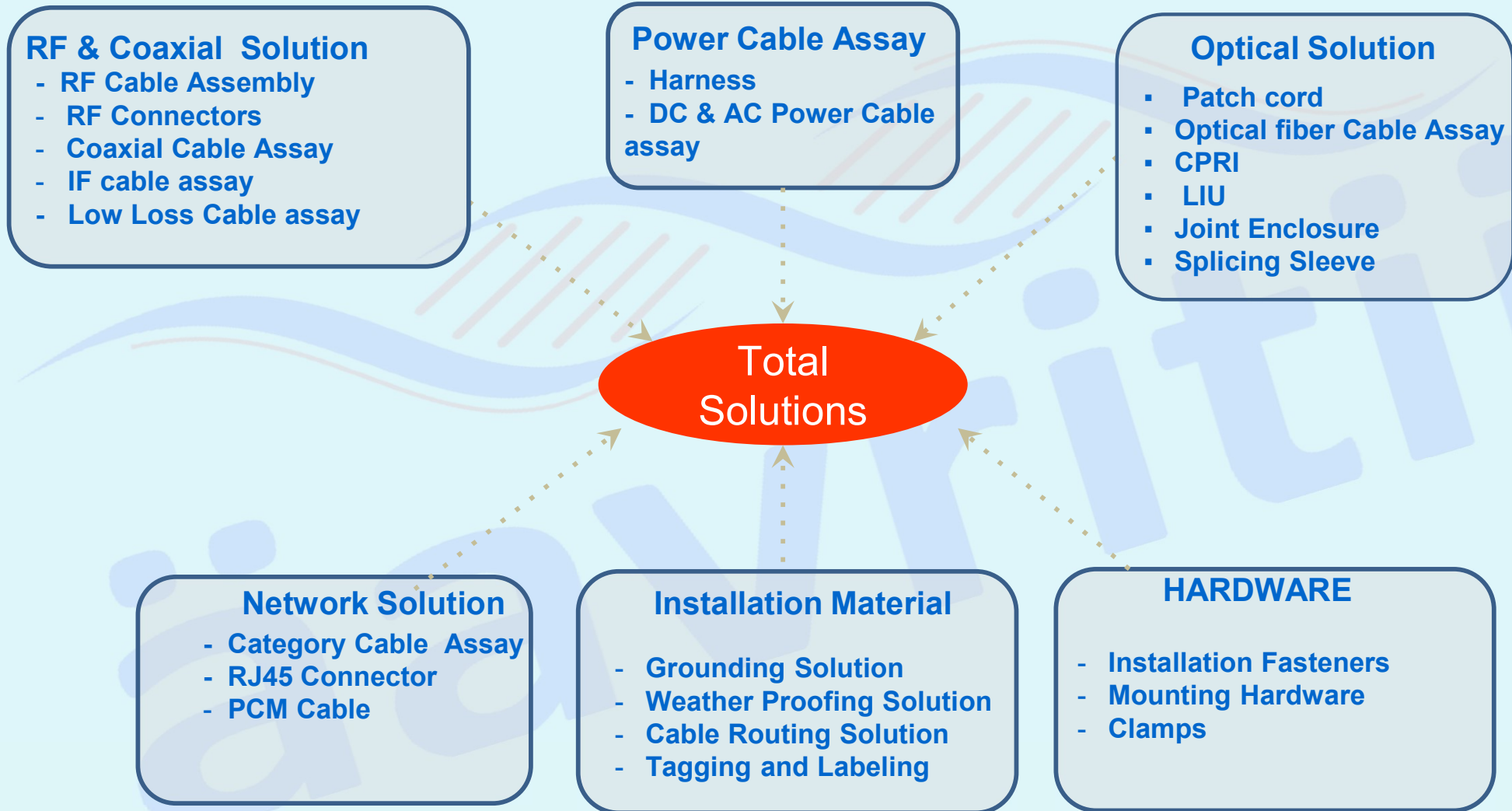
Certification

- ISO 9001:2015
- ISO 14001:2015



### 3. Business Area

*Aavritii Interconnect having following business for total telecom solution*





## 4. Factory Overview



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**RoHS**

  
**ävritii**

## 5. Fiber Optic Solution In FO unit, We Do have manufacturing as follows

### 1. FO Indoor assemblies / Patch cords







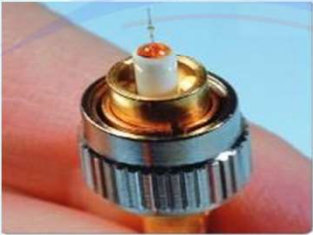

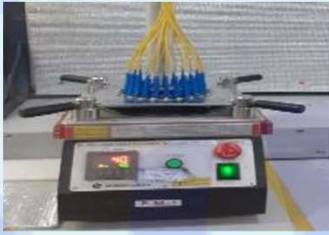





### 2. FO Outdoor assemblies / CPRI





# 5. Fiber Optic Solution

## Indoor Fiber Assembly-Manufacturing Process



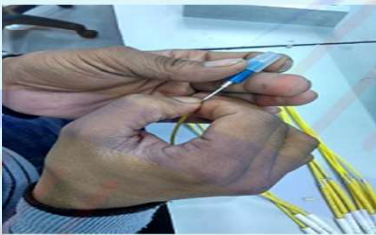







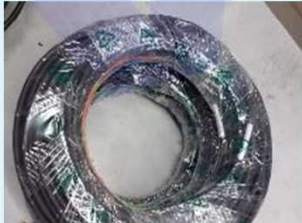

<p>Cable Cutting</p> 	<p>Cable Jacket Breakout</p> 	<p>Fiber Insertion</p> 	<p>Connector Crimping</p> 
<p>Epoxy filling</p> 	<p>Connector Curing</p> 	<p>Connector Polishing</p> 	<p>End Face Testing</p> 
<p>IL &amp; RL Testing</p> 	<p>Packing</p> 	<p>Packing</p> 	<p>Box Packing</p> 





# 5. Fiber Optic Solution

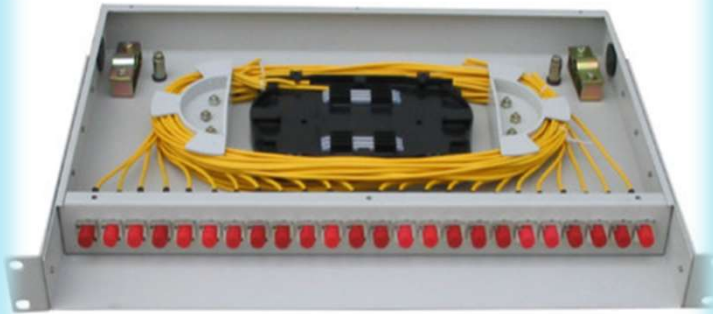
## Outdoor Fiber Assembly-Manufacturing Process

<p>Cable Cutting</p> 	<p>Cable Jacket Breakout</p> 	<p>Fiber Insertion</p> 	<p>Connector Crimping</p> 
<p>Epoxy filling</p> 	<p>Connector Curing</p> 	<p>Connector Polishing</p> 	<p>End Face Testing</p> 
<p>IL &amp; RL Testing</p> 	<p>Packing</p> 	<p>Packing</p> 	<p>Box Packing</p> 



## 5. Fiber Optic Solution In FO unit, We Do have manufacturing as follows

### 3. Fiber Management System (LIU) & Joint Enclosure



#### Splice Protection Sleeve



#### Key Features

- ✓ Clear sleeve for easy inspection and minimizing damage during installation
- ✓ Retains Optic transmission properties same
- ✓ High Quality 1.4mm Steel Needle
- ✓ Work Temperature -45°C~100°C

40mm

60mm

70mm





## 5. Fiber Optic Solution In FO unit, we Can Supply Component Like as Below

### 1. FO Indoor Connectors



### 2. Optical Media Converter & SFP



### 3. FO Outdoor Connectors



## 5. Fiber Optic Solution In FO unit, we Can Supply Component Like as Below

### 4. FO Splitter



### 5. FO Adaptors & Attenuators





## 6. RF & Coaxial Solution

In RF & Coaxial unit, We Do have manufacturing as follows

### 1. RF Cable & Coaxial Cable assy Assemblies



RF JUMPER CABLE-DIN CONNECTOR



RF JUMPER CABLE-4.3-10



SMA To N Plug Coaxial Cable














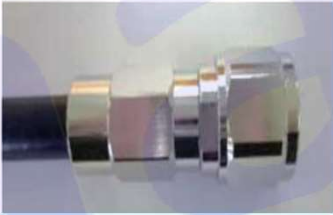



CNT 400 & LMR 400 Cable assy





# 6. RF & Coaxial Solution

## RF Cable Assembly-Manufacturing Process

<b>Cable Cutting</b> 	<b>Wrapping</b> 	<b>Marking Jig</b> 	<b>Jacket Cutting Jig</b> 	<b>Jacket Removing</b> 
<b>Pin IP Cleaning</b> 	<b>Pin AIR Cleaning</b> 	<b>Connector loading Jig</b> 	<b>Connector loading</b> 	<b>Crimping Machine</b> 
<b>Crimped</b> 	<b>Clamping</b> 	<b>Final Testing</b> 	<b>Packing</b> 	<b>Box Packing</b> 



## 6. RF & Coaxial Solution In RF & Coaxial unit, we Can Supply Component Like as Below

### 1. RF Connectors



### 2. RF Adaptors



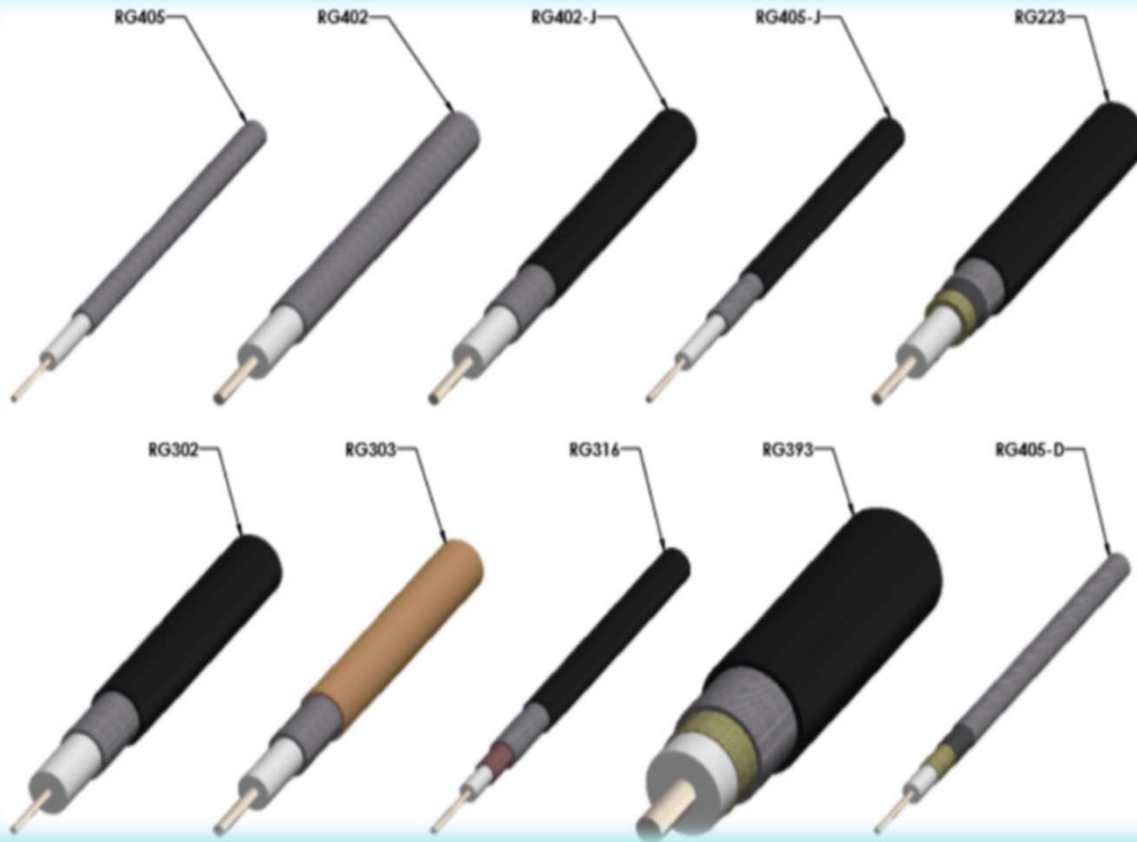
### 3. EMP /Lighting arrestor





## 6. RF & Coaxial Solution In RF & Coaxial unit, we Can Supply Component Like as Below

### 2. Low Loss Cable ,Semi Rigid, Super Flex and Low PIM Cable





## 7. Networking Solution

### 1. Category Cable Assay

In Network , We Do have manufacturing as follows



**RJ-Connector Cable**

### 8. Networking Solution

In Network Solution, we Can Supply Component Like as Below



**PCM CABLE**














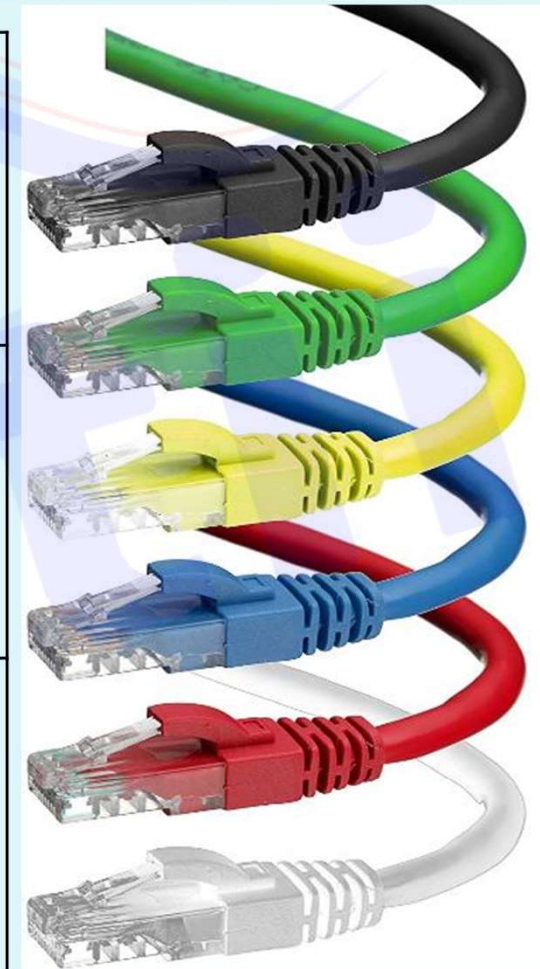
**RJ Connector**



# 7. Networking Solution

## CAT 5 & 6 Patch Cord-Manufacturing Process

<p>Cable Cutting</p> 	<p>Cable Cutting M/c</p> 	<p>Cable Stripping</p> 	<p>Wire Straightening</p> 
<p>Moulding</p> 	<p>Connector Insert</p> 	<p>Crimping</p> 	<p>Crimping</p> 
	<p>Cutting &amp; Crimping line</p> 	<p>Testing</p> 	<p>Packing</p> 





## 8. Power Cable assemblies

In this , We Do have manufacturing as follows

### 1. Harness














### 2. AC/DC Power Cable assay



# 8. Power Cable assemblies

## Cable Harness-Manufacturing Process

<b>Cable Cutting</b> 	<b>Cable Cutting</b> 	<b>Pin Connection</b> 	<b>Housing Connection</b> 
<b>Moulding</b> 	<b>Harness</b> 	<b>Harness</b> 	<b>Harness</b> 
<b>Soldering Station</b> 	<b>Final Testing</b> 	<b>Packing</b> 	





## 9. Installation Material In Installation Material , we Can Supply Component Like as Below

### 1. Grounding Kit



### 2. Weather Proofing Kit



## 9. Installation Material In Installation Material , we Can Supply Component Like as Below

### 3. Cable Tie (Plastic & SS-304,316)



### 4. Lugs And Thimble (Copper & Aluminum)





## 9. Installation Material

In Installation Material , we Can Supply Component Like as Below

### 5. Heat Shrink Tube



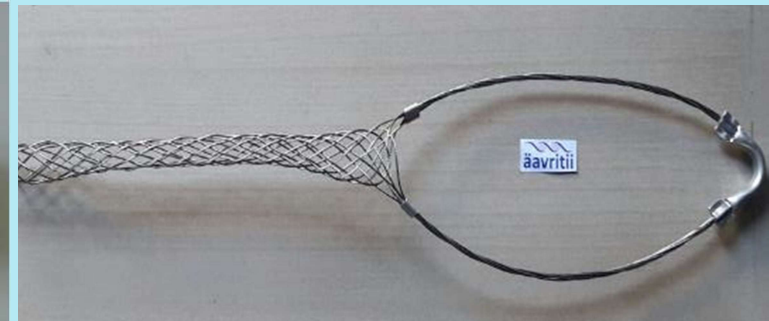
### 6. Insulation Tape



## 9. Installation Material

In Installation Material , we Can Supply Component Like as Below

### 7. Feeder Clamps





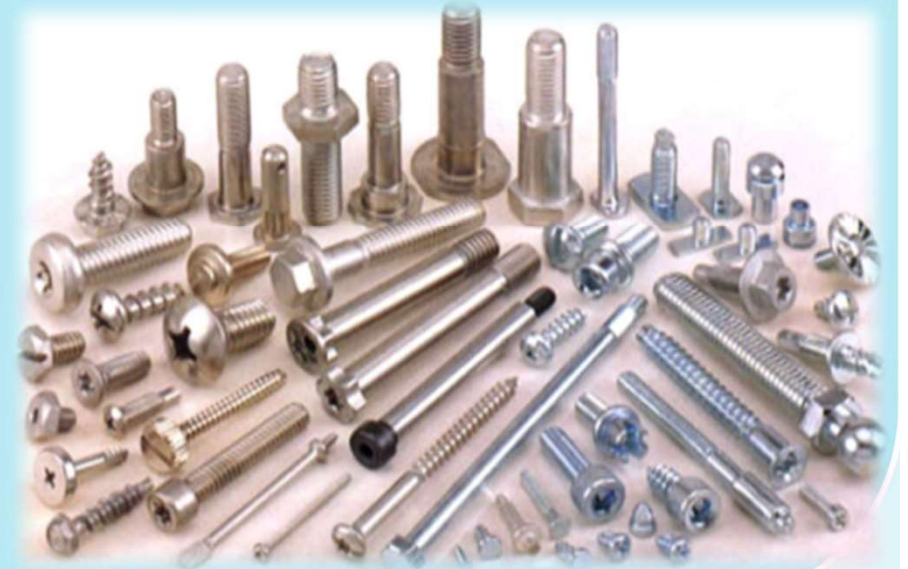
## 9. Installation Materials In Installation Material , we Can Supply Component Like as Below

### 8. Flexible Pipe



# 10. Hardware In Hardware , we Can Manufacture as Follows

## 4. Bolt, Socket & Screws (Brass /MS /SS-304,316)





# 10. Hardware In Hardware , we Can Manufacture as Follows

## 5. Nut & Washers (Brass & SS-304,316)



## 11. Why Aavritii?

All of products are 100% visually and electrically tested and are fully traceable through our ISO 9001:2015 certified quality system. Our products also meet the standards of RoHS. We guarantee our connectivity products quality for 1 year and the fiber optic patch cables are lifetime Warranty.

Our fiber cable assemblies are built with the latest state of the art equipment in a factory controlled environment for efficiency and to perform at highest possible specifications.

We are proud of our high quality products, competitive price, good service, fast delivery (one day for regular stock products), advance technology, skilled workers and strict quality control.

Aavritii has vast experience in designing and manufacturing of fiber optic cable assemblies by using **advanced equipment & technology, high quality materials** and **professionally trained & skilled Manpower**.





# 12. Certifications



ISO 9001:2015



ISO 14001:2015



# 13. End Customers



LS Cables India

HUBER + SHUNER





# Thank You!



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