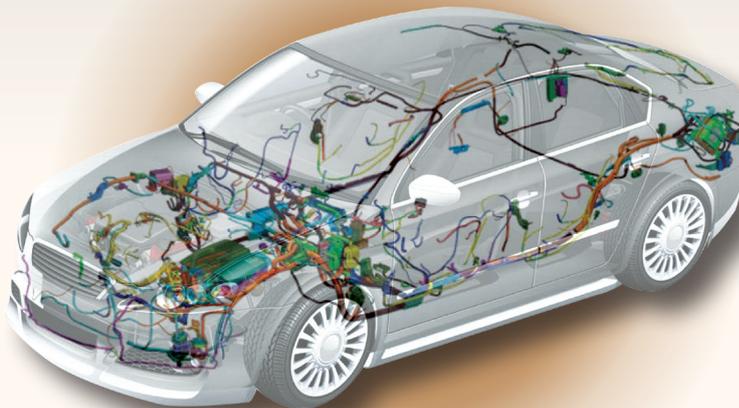


Cable Assemblies and Wire Harnessing



APPLICATIONS

AUTOMOTIVE INDUSTRY

- Electric Vehicles and Automotive ICE vehicles
- 2 & 3 wheeler, tractors and Light Commercial Vehicle (LCV) harness and assemblies
- Main vehicle harness
- Charging harness with gun & inlet
- Motor harness – BLDC, PM & HUB
- Motor control harness
- Engine harness
- Battery cable harness
- Inside battery harness
- Front & tail lamp harness
- PCB switch harness
- Electric control unit (ECU) harness
- Cluster harness
- Battery swapping stations harness



TELECOM & INDUSTRIAL APPLICATION ASSEMBLIES



- DB9 Assembly
- Patch cords – Cat 5E, Cat 6, Cat 6A
- Industrial application assemblies
- Coiled / Spiral cable
- CNC Machine cables
- Food & Pharmaceutical machine cables
- Robotics cables



DESIGN

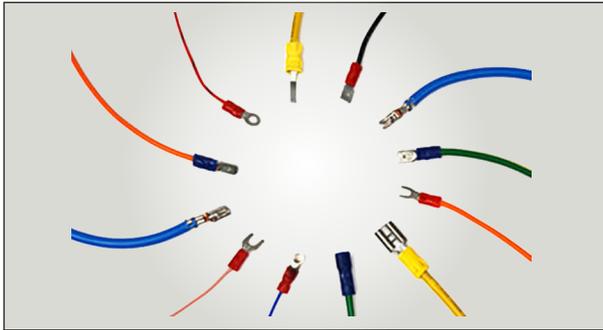
- Our highly skilled and experienced Engineering and R&D Team is capable of designing cable harness and assemblies based on your specific requirement
- We can also reverse engineer samples to create precise engineering drawings
- We provide extremely quick sample development
- Our team works with customers to provide engineering feedback to reduce costs for the customer

OUR CAPABILITIES

CUTTING & STRIPPING

- Auto cut, strip, crimp machines to ensure accurate and efficient cable cut and strip length
- All machines with bobbin feeding mechanism
- Can strip varied lengths and material of sheathing, braiding, and insulation





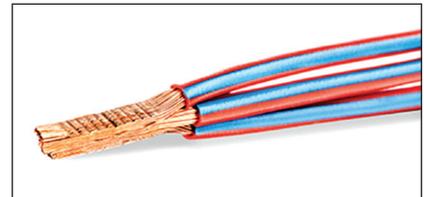
CRIMPING

- Machine range of 2 ton, 5 ton, 10 ton and 30 ton crimping presses
- Can crimp wire from 0.2 mm² to 300 mm² conductor size
- Auto cut strip and crimp machine for high productivity
- Crimp Force Monitor (CFM) available for live monitoring of crimping load
- Applicators available for all types of domestic and imported terminals
- Pull force testers



ULTRASONIC WELDING

- For better quality mid-joint crimping
- Multi-core welding
- 1sqmm to 30sqmm

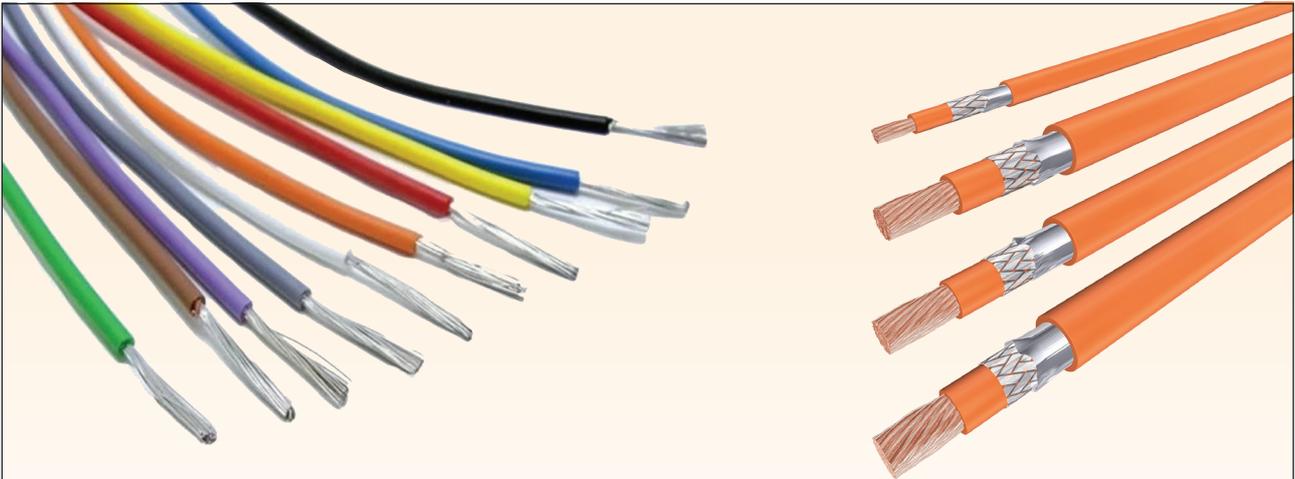


MOULDING

Injection moulding machine primarily for over moulded products and assemblies

- Products: ■ DB9 ■ RJ45 ■ 2 + 4 connector
- 90°C moulds ■ 6A / 16A 3-pin Power Cords
- Grommet moulds and much more
- Can meet various temperature ratings (up to 150°C) and use a variety of compounds (PVC, TPU, PE, TPE, TPR, PA66, PA6 etc.)
- Provide a wide range of shore hardness of material
- Can meet a range of IP ratings





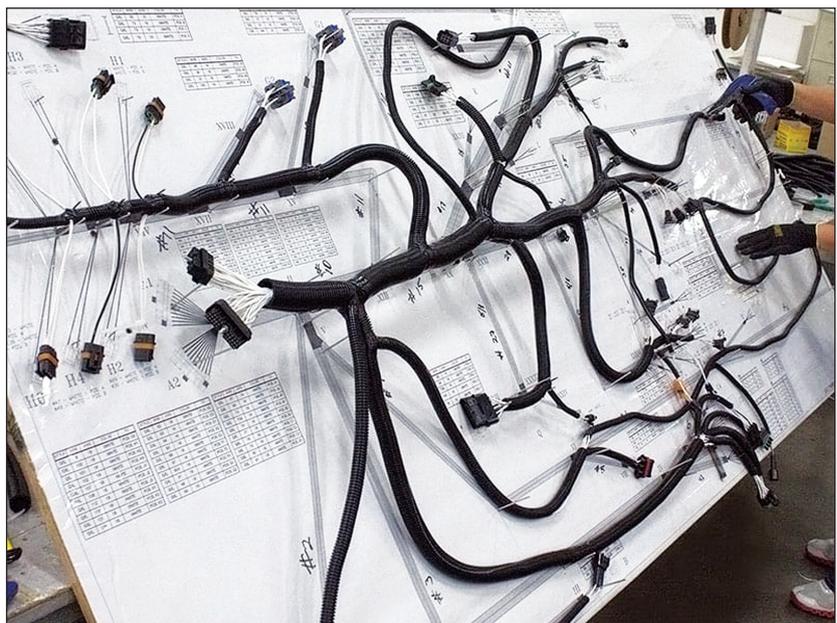
CABLE

- All cables are made in house
- Machine range of bunchers, extrusion, twisting, cable laying (with shielding) and braiders to manufacture any type of cable as per customer requirement
- Cable sizes up to 300 mm²
- Can meet a wide range of temperature ratings (up to 200°C) and use a variety of compounds (PVC, PE, PP, XLPE, XLPO, TPU, TPE, TPR, EPDM, CPE, Silicon, FEP, PVDF, ETFE, PFA, PTFE and many more)



TESTING

- Digital Pull Force gauges of different ranges
- 512 port Assembly Testing machine
- 256 port Auto Test for continuity & HIPOT
- Ageing Oven (short and long duration)
- FRLS Lab (Smoke Density Rating, Oxygen Index, Halogen content)
- Tensile & Elongation testing
- Spark testing
- Heat shock testing
- Capacitance testing
- Insulation resistance testing
- Conductor resistance testing
- Volume resistivity testing
- High voltage breakdown testing



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