

TABLE OF CONTENTS

	PAGE
Section One - Introduction	1
Company Profile	2
Sustainability Statement	3
Technical Service and Support	4
Quality Assurance	5
Notes	6
Section Two - General Technical Information	1
Installation Information	2
Installation Methods	4
Single Core Cables in Parallel	7
Rating Factors	8
Bending Radii and Duct Sizes	10
Pulling Tension	11
Short Circuit Ratings	12
Conductor Short Circuit Ratings	13
Stranded Conductor Max DC Resistances	14
Flexible Conductor Max DC Resistances	15
Conductor Dimensions	16
Wire and Cable Size Comparison	17
Section Three – Low Voltage Cables (Stranded and Flexible conductors)	1
Explanatory Information - Construction	3
- Fire Rated Performance	4
- Current Ratings	5
- Rating Factors	6
- Voltage Drops	8
- Selection Procedures	10
- Minimum Copper Earthing Conductor Size	11
Product Sheets (See Section Three Contents Page 1 for Product Sheets Listing)	12
Tabulated Electrical Data - Current Ratings	110
- Voltage Drops	133
- AC Resistances	135
- Reactances	139
- Volt Drop Graphs	143
- Notes	158

Section Four – Medium Voltage TR-XLPE Cables	1
Explanatory Information	
- History of Long-life Cables	2
- Constructing Long-life Cables	3
- Screen Designs	4
- Testing	5
- Test Voltage Levels	6
- Installation Tests	7
- Current Ratings	10
- Rating Factors	11
Notes	13
Product Sheets (See Section Four Contents Page 1 for Product Sheets Listing)	14
Notes	58
Section Five – Aerials	1
Explanatory Information	
- Thermal Characteristics	2
- Electrical Characteristics	4
- Physical and Mechanical Characteristics	5
- Bare Overhead Conductors	7
Product Sheets (See Section Five Contents Page 1 for Product Sheets Listing)	8
Notes	22